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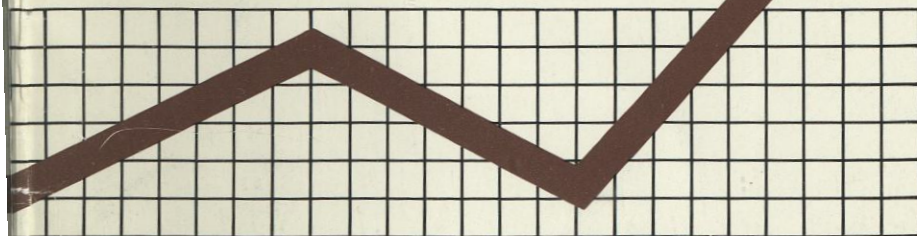
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# **1986 INCOME DISTRIBUTION SURVEY**

**Persons With Earned Income  
Australia**



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
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NEW ISSUE

# 1986 INCOME DISTRIBUTION SURVEY, PERSONS WITH EARNED INCOME, AUSTRALIA



EMBARGOED UNTIL 11.30 A.M. 23 MAY 1988

NEW ISSUE

1986 INCOME DISTRIBUTION SURVEY,  
PERSONS WITH EARNED INCOME,  
AUSTRALIA

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IAN CASTLES  
Australian Statistician

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## PREFACE

This publication is one of a series presenting final results from the 1986 Income Distribution Survey. This is the fifth survey conducted by the ABS that has been designed specifically to collect income data from households. The data in this publication relate to persons with earned income. More comprehensive data, including information on income units, will be published as results become available.

In the survey, income was collected both on a financial year basis (in respect of 1985-86) and on a current basis, that is at the time of interview. In addition to income, the survey collected data on housing occupancy and costs.

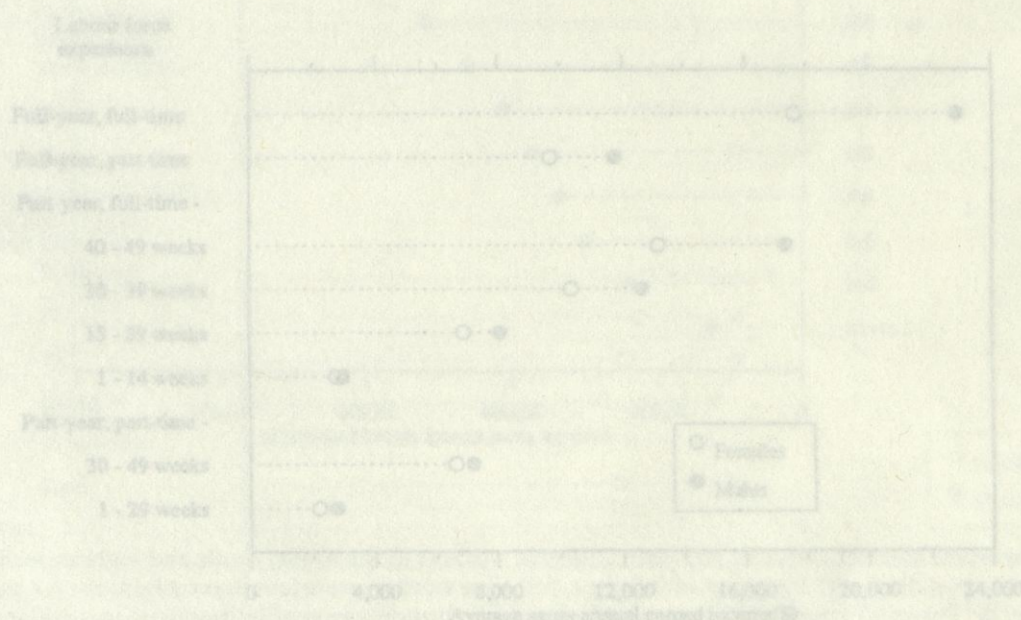
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**IAN CASTLES**  
Australian Statistician

Australian Bureau of Statistics  
Belconnen, ACT 2616  
May 1988

DIAGRAM 1. PERSONS WITH EARNED INCOME: AVERAGE GROSS ANNUAL EARNED INCOME BY LABOUR FORCE EXPERIENCE, 1985-86



In addition to the effect of different types of labour force experience, earned income varied considerably across workers with different demographic and occupational characteristics. These characteristics will be examined below only in relation to full-year, full-time workers.

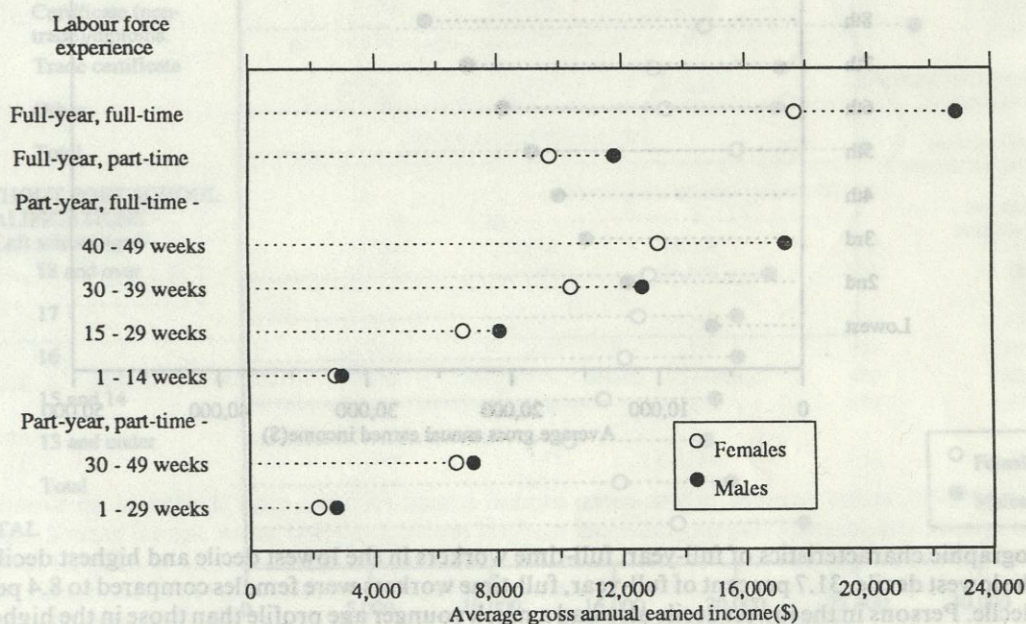


### SELECTED FINDINGS

In 1985-86 a total of 7,014,300 persons received an average of \$17,370 in earned income (that is, income from wages or salary or from their own business, trade or profession). The majority (4,281,100) of these persons were males, 1,832,800 were married females and 900,400 were non-married females. The mean annual earned income was \$20,540 for males and \$12,410 for females.

The higher level of earned income for working males compared to working females is explained in part by their different labour force experience. In 1985-86, 81.1 per cent of males with earned income were full-year, full-time workers compared to 46.5 per cent of females; 22.2 per cent of females with earned income were full-year, part-time workers compared to 3.1 per cent of males; 14.5 per cent of females with earned income were part-year, full-time workers compared to 13.0 per cent of males; and 16.8 per cent of females with earned income were part-year, part-time workers compared to 2.9 per cent of males. However, mean annual earned income for males exceeded that for females in all categories of full-time and part-time employment (Diagram 1).

DIAGRAM 1. PERSONS WITH EARNED INCOME: AVERAGE GROSS ANNUAL EARNED INCOME BY LABOUR FORCE EXPERIENCE, 1985-86

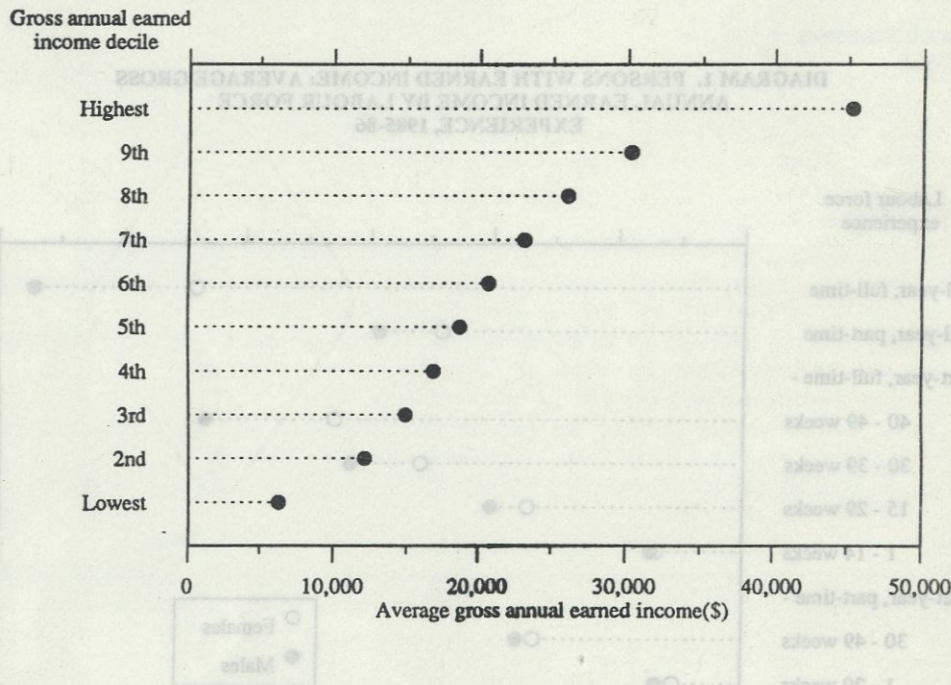


In addition to the effect of different types of labour force experience, earned income varied considerably across workers with different demographic and occupational characteristics. These characteristics will be examined below only in relation to full-year, full-time workers.



In 1985-86, the lowest decile of full-year, full-time workers (the bottom 10 per cent) received 3.0 per cent of total annual earned income while the highest decile (the top 10 per cent) received 21.1 per cent. The mean annual earned income for full-year, full-time workers in the lowest decile was \$6,330 compared to \$45,310 for those in the highest decile (Diagram 2). Full-year, full-time workers in the lowest decile were fairly evenly divided amongst those whose principal source of earned income was wages or salary and those who received most of their earned income from their own business (50.5 per cent and 49.5 per cent respectively). The majority of full-year, full-time workers in the highest decile were, however, wage and salary earners (89.9 per cent). The mean annual earned income for full-year, full-time workers who received most of their income from wages or salary was \$22,350 compared to \$15,510 for those whose principal source of earned income was from their own business.

**DIAGRAM 2. FULL-YEAR, FULL-TIME WORKERS: AVERAGE GROSS ANNUAL EARNED INCOME BY GROSS ANNUAL EARNED INCOME DECILE, 1985-86**



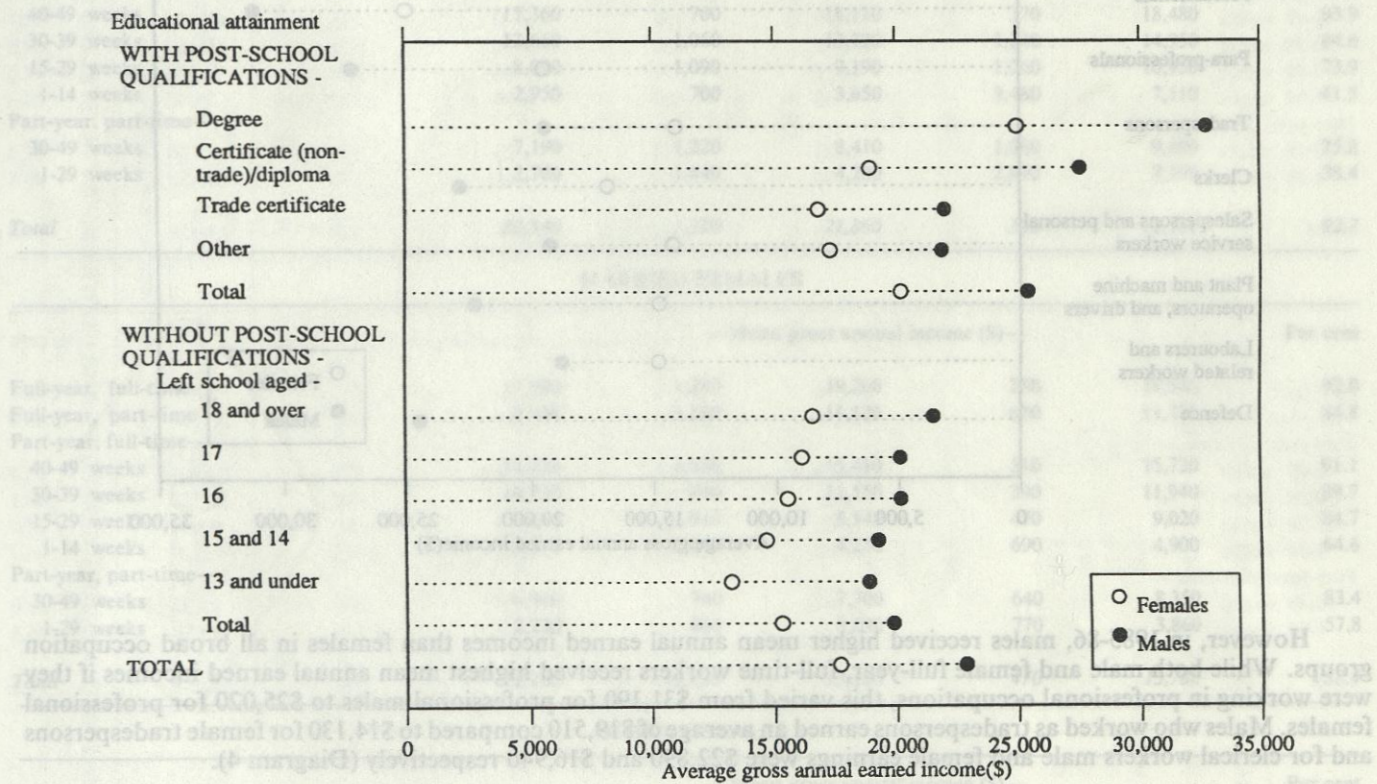
The demographic characteristics of full-year, full-time workers in the lowest decile and highest decile also differed markedly. In the lowest decile, 31.7 per cent of full-year, full-time workers were females compared to 8.4 per cent of those in the highest decile. Persons in the lowest decile also had a much younger age profile than those in the highest decile, with 29.2 per cent of full-year, full-time workers in the lowest decile being aged 15-24 years compared to 1.8 per cent of those in the highest decile.



Full-year, full-time workers aged 15-24 years had a mean annual earned income of \$15,110 compared to those workers aged 35-44 years who had the highest mean annual earned income of \$23,970.

Full-year, full-time workers in the lowest decile also had much lower educational qualifications than those in the highest decile. In 1985-86, 33.8 per cent of persons in the lowest decile had post-school qualifications compared to 75.5 per cent of those in the highest decile. Mean annual earned income varied with educational qualifications from a low of \$17,760 for workers who left school aged 13 or under and had no further qualifications to \$30,580 for workers with a degree from a tertiary institution (Diagram 3).

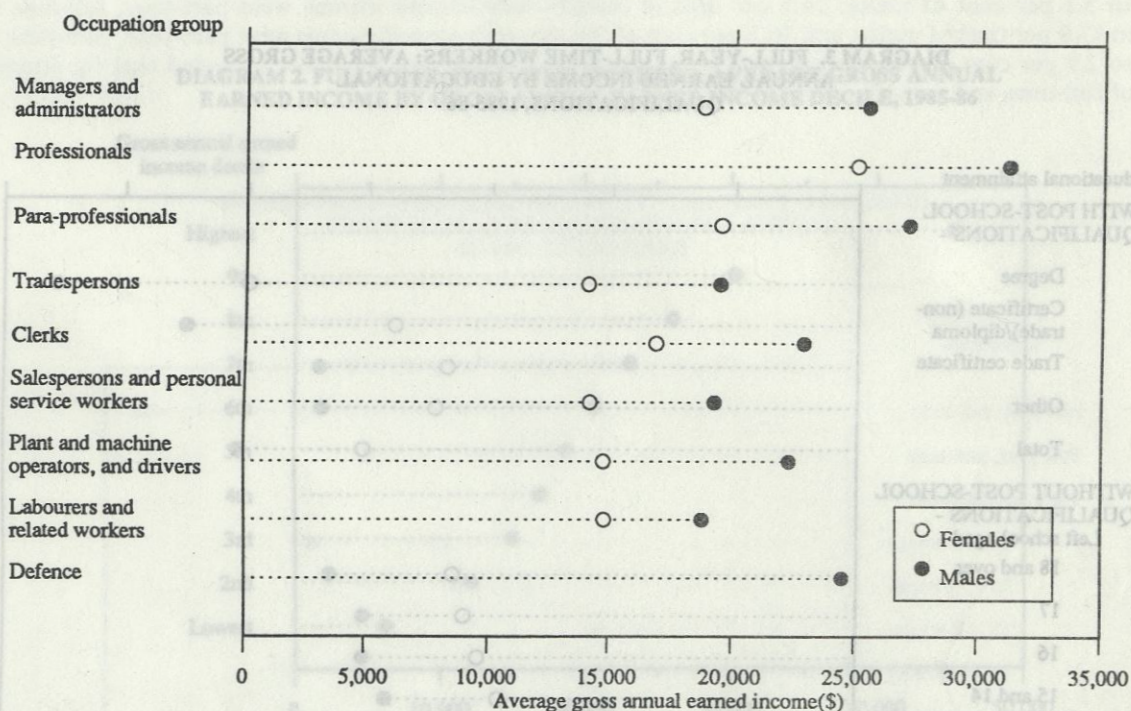
DIAGRAM 3. FULL-YEAR, FULL-TIME WORKERS: AVERAGE GROSS ANNUAL EARNED INCOME BY EDUCATIONAL QUALIFICATIONS, 1985-86





The level of mean annual earned income also varied considerably for full-year, full-time workers in different occupations. Mean annual earned income for persons in broad occupation groups ranged from a high of \$29,320 for professionals to \$17,160 for salespersons and personal service workers. The distributions of male and female workers across occupation groups were very uneven. For instance, 25.5 per cent (885,500) of male workers were tradesmen with a mean annual earned income of \$19,510 and 38.1 per cent (483,900) of female workers were clerks with a mean annual earned income of \$16,940.

DIAGRAM 4. FULL-YEAR, FULL-TIME WORKERS: AVERAGE GROSS ANNUAL EARNED INCOME BY BROAD OCCUPATION GROUPS, 1985-86



However, in 1985-86, males received higher mean annual earned incomes than females in all broad occupation groups. While both male and female full-year, full-time workers received highest mean annual earned incomes if they were working in professional occupations, this varied from \$31,190 for professional males to \$25,020 for professional females. Males who worked as tradespersons earned an average of \$19,510 compared to \$14,130 for female tradespersons and for clerical workers male and female earnings were \$22,890 and \$16,940 respectively (Diagram 4).



TABLE 1. PERSONS WITH EARNED INCOME: MEAN GROSS ANNUAL INCOME BY SOURCE  
BY LABOUR FORCE EXPERIENCE, 1985-86

| Labour force experience | Source of gross annual income   |       |                                  |       | Total gross annual income | Earned income as a percentage of total income |
|-------------------------|---------------------------------|-------|----------------------------------|-------|---------------------------|---|
|                         | Private income                  |       | Government pensions and benefits |       |                           |   |
|                         | Earned income                   | Other |                                  | Total |                           |   |
| MALES                   |                                 |       |                                  |       |                           |   |
|                         | —Mean gross annual income (\$)— |       |                                  |       |                           | Per cent                                      |
| Full-year, full-time    | 22,850                          | 1,340 | 24,190                           | 40    | 24,230                    | 94.3  |
| Full-year, part-time    | 11,780                          | 2,460 | 14,240                           | 760   | 14,990                    | 78.6  |
| Part-year, full-time—   |                                 |       |                                  |       |                           |   |
| 40-49 weeks             | 17,360                          | 760   | 18,110                           | 370   | 18,480                    | 93.9  |
| 30-39 weeks             | 12,660                          | 1,060 | 13,720                           | 1,240 | 14,950                    | 84.6  |
| 15-29 weeks             | 8,090                           | 1,090 | 9,190                            | 1,760 | 10,950                    | 73.9  |
| 1-14 weeks              | 2,950                           | 700   | 3,650                            | 3,460 | 7,110                     | 41.5  |
| Part-year, part-time—   |                                 |       |                                  |       |                           |   |
| 30-49 weeks             | 7,190                           | 1,220 | 8,410                            | 1,080 | 9,490                     | 75.8  |
| 1-29 weeks              | 2,760                           | 1,440 | 4,200                            | 2,990 | 7,190                     | 38.4  |
| Total                   | 20,540                          | 1,320 | 21,860                           | 300   | 22,160                    | 92.7  |
| MARRIED FEMALES         |                                 |       |                                  |       |                           |   |
|                         | —Mean gross annual income (\$)— |       |                                  |       |                           | Per cent                                      |
| Full-year, full-time    | 17,980                          | 1,280 | 19,260                           | 280   | 19,540                    | 92.0  |
| Full-year, part-time    | 9,950                           | 1,180 | 11,120                           | 600   | 11,720                    | 84.8  |
| Part-year, full-time—   |                                 |       |                                  |       |                           |   |
| 40-49 weeks             | 14,320                          | 1,080 | 15,410                           | 310   | 15,720                    | 91.1  |
| 30-39 weeks             | 10,710                          | 840   | 11,550                           | 390   | 11,940                    | 89.7  |
| 15-29 weeks             | 7,640                           | 910   | 8,540                            | 470   | 9,020                     | 84.7  |
| 1-14 weeks              | 3,170                           | 1,040 | 4,210                            | 690   | 4,900                     | 64.6  |
| Part-year, part-time—   |                                 |       |                                  |       |                           |   |
| 30-49 weeks             | 6,960                           | 740   | 7,700                            | 640   | 8,350                     | 83.4  |
| 1-29 weeks              | 2,230                           | 860   | 3,090                            | 770   | 3,860                     | 57.8  |
| Total                   | 12,180                          | 1,130 | 13,300                           | 470   | 13,780                    | 88.4  |
| OTHER FEMALES           |                                 |       |                                  |       |                           |   |
|                         | —Mean gross annual income (\$)— |       |                                  |       |                           | Per cent                                      |
| Full-year, full-time    | 17,150                          | 790   | 17,940                           | 110   | 18,040                    | 95.0  |
| Full-year, part-time    | 8,180                           | 890   | 9,070                            | 1,150 | 10,220                    | 80.1  |
| Part-year, full-time—   |                                 |       |                                  |       |                           |   |
| 40-49 weeks             | 11,930                          | 400   | 12,340                           | 440   | 12,780                    | 93.4  |
| 30-39 weeks             | 10,070                          | 420   | 10,500                           | 900   | 11,390                    | 88.4  |
| 15-29 weeks             | 6,140                           | 440   | 6,580                            | 1,670 | 8,250                     | 74.4  |
| 1-14 weeks              | 2,020                           | 590   | 2,610                            | 2,700 | 5,310                     | 38.0  |
| Part-year, part-time—   |                                 |       |                                  |       |                           |   |
| 30-49 weeks             | 5,430                           | 540   | 5,970                            | 1,480 | 7,460                     | 72.8  |
| 1-29 weeks              | 2,140                           | 980   | 3,130                            | 2,950 | 6,080                     | 35.3  |
| Total                   | 12,890                          | 720   | 13,620                           | 690   | 14,310                    | 90.1  |



**TABLE 1. PERSONS WITH EARNED INCOME: MEAN GROSS ANNUAL INCOME BY SOURCE  
BY LABOUR FORCE EXPERIENCE, 1985-86—continued**

| Labour force experience | Source of gross annual income   |       |        |                                  |        | Total gross annual income | Earned income as a percentage of total income |
|-------------------------|---------------------------------|-------|--------|----------------------------------|--------|---------------------------|---|
|                         | Private income                  |       |        | Government pensions and benefits |        |                           |   |
|                         | Earned income                   | Other | Total  |                                  |        |                           |   |
| ALL FEMALES             |                                 |       |        |                                  |        |                           |   |
|                         | —Mean gross annual income (\$)— |       |        |                                  |        |                           | Per cent                                      |
| Full-year, full-time    | 17,640                          | 1,080 | 18,710 | 210                              | 18,920 | 93.2                      |   |
| Full-year, part-time    | 9,710                           | 1,140 | 10,850 | 670                              | 11,520 | 84.3                      |   |
| Part-year, full-time—   |                                 |       |        |                                  |        |                           |   |
| 40-49 weeks             | 13,170                          | 750   | 13,920 | 370                              | 14,300 | 92.1                      |   |
| 30-39 weeks             | 10,380                          | 630   | 11,010 | 650                              | 11,660 | 89.0                      |   |
| 15-29 weeks             | 6,870                           | 670   | 7,540  | 1,090                            | 8,620  | 79.6                      |   |
| 1-14 weeks              | 2,760                           | 880   | 3,640  | 1,410                            | 5,040  | 54.6                      |   |
| Part-year, part-time—   |                                 |       |        |                                  |        |                           |   |
| 30-49 weeks             | 6,620                           | 700   | 7,320  | 830                              | 8,150  | 81.3                      |   |
| 1-29 weeks              | 2,210                           | 890   | 3,100  | 1,330                            | 4,430  | 49.8                      |   |
| Total                   | 12,410                          | 990   | 13,410 | 550                              | 13,950 | 89.0                      |   |
| PERSONS                 |                                 |       |        |                                  |        |                           |   |
|                         | —Mean gross annual income (\$)— |       |        |                                  |        |                           | Per cent                                      |
| Full-year, full-time    | 21,450                          | 1,270 | 22,720 | 90                               | 22,810 | 94.0                      |   |
| Full-year, part-time    | 10,080                          | 1,380 | 11,450 | 690                              | 12,140 | 83.0                      |   |
| Part-year, full-time—   |                                 |       |        |                                  |        |                           |   |
| 40-49 weeks             | 15,630                          | 760   | 16,390 | 370                              | 16,760 | 93.3                      |   |
| 30-39 weeks             | 11,800                          | 900   | 12,700 | 1,010                            | 13,710 | 86.1                      |   |
| 15-29 weeks             | 7,580                           | 920   | 8,500  | 1,480                            | 9,980  | 76.0                      |   |
| 1-14 weeks              | 2,860                           | 790   | 3,640  | 2,480                            | 6,130  | 46.7                      |   |
| Part-year, part-time—   |                                 |       |        |                                  |        |                           |   |
| 30-49 weeks             | 6,740                           | 810   | 7,550  | 880                              | 8,430  | 80.0                      |   |
| 1-29 weeks              | 2,320                           | 1,010 | 3,330  | 1,680                            | 5,020  | 46.3                      |   |
| Total                   | 17,370                          | 1,190 | 18,570 | 390                              | 18,960 | 91.6                      |   |



TABLE 2. PERSONS WITH EARNED INCOME: GROSS ANNUAL EARNED INCOME DECILE GROUPS BY SELECTED CHARACTERISTICS, 1985-86

| Characteristics of persons with earned income  |                 | Gross annual earned income decile |               |              |               |              |              |                |               |              |              | All persons with earned income |
|--|-----------------|-----------------------------------|---------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------------------------|
|  |                 | Lowest 10%                        | Second decile | Third decile | Fourth decile | Fifth decile | Sixth decile | Seventh decile | Eighth decile | Ninth decile | Highest 10%  |                                |
| Upper boundary of decile group(\$)   |                 | 3,798                             | 7,264         | 10,774       | 13,942        | 16,355       | 18,708       | 21,437         | 25,000        | 30,459       | n.a.         | n.a.                           |
| Average gross earned annual income(\$)   |                 | 1,740                             | 5,520         | 9,020        | 12,380        | 15,190       | 17,510       | 20,020         | 23,260        | 27,520       | 41,590       | 17,370                         |
| Proportion of persons with earned income with principal source of earned income being: |                 |                                   |               |              |               |              |              |                |               |              |              |                                |
| Wages or salary  | %               | 82.6                              | 75.9          | 77.6         | 83.8          | 88.7         | 92.2         | 93.1           | 92.0          | 95.6         | 91.0         | 87.2                           |
| Own business, trade or profession  | %               | 17.4                              | 24.1          | 22.4         | 16.2          | 11.3         | 7.8          | 6.9            | 8.0           | 4.4          | 9.0          | 12.8                           |
| <b>Total</b>   | %               | <b>100.0</b>                      | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>                   |
| Proportion of persons with earned income and aged(a):                                  |                 |                                   |               |              |               |              |              |                |               |              |              |                                |
| 15-24 years  | %               | 28.9                              | 26.9          | 33.0         | 36.2          | 27.6         | 20.0         | 13.3           | 7.7           | 4.8          | 1.7          | 20.0                           |
| 25-34 years  | %               | 23.5                              | 25.8          | 21.9         | 21.4          | 26.6         | 31.4         | 35.7           | 38.8          | 34.2         | 22.8         | 28.2                           |
| 35-44 years  | %               | 21.6                              | 19.7          | 21.7         | 20.3          | 20.1         | 21.9         | 25.8           | 27.1          | 34.6         | 41.6         | 25.5                           |
| 45-54 years  | %               | 11.2                              | 16.0          | 15.1         | 14.2          | 15.6         | 15.5         | 16.0           | 17.0          | 16.5         | 22.0         | 15.9                           |
| 55-64 years  | %               | 10.2                              | 9.2           | 6.4          | 6.2           | 9.0          | 10.6         | 9.0            | 8.8           | 9.4          | 10.8         | 9.0                            |
| 65 years and over  | %               | 4.6                               | 2.5           | 1.8          | 1.6           | *1.1         | *0.6         | *              | *0.5          | *0.5         | *1.0         | 1.4                            |
| <b>Total</b>   | %               | <b>100.0</b>                      | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>                   |
| Proportion of persons with earned income who were:                                     |                 |                                   |               |              |               |              |              |                |               |              |              |                                |
| Males  | %               | 34.9                              | 39.7          | 45.4         | 49.8          | 54.1         | 63.3         | 74.0           | 76.6          | 84.0         | 88.4         | 61.0                           |
| Females  | %               | 65.1                              | 60.3          | 54.6         | 50.2          | 45.9         | 36.7         | 26.0           | 23.4          | 16.0         | 11.6         | 39.0                           |
| <b>Total</b>   | %               | <b>100.0</b>                      | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>                   |
| Proportion of persons with earned income with labour force experience being:           |                 |                                   |               |              |               |              |              |                |               |              |              |                                |
| Full-year, full-time   | %               | 12.2                              | 25.4          | 37.7         | 65.1          | 76.9         | 86.2         | 90.7           | 92.5          | 94.5         | 94.9         | 67.6                           |
| Full-year, part-time   | %               | 17.5                              | 26.2          | 26.0         | 13.5          | 9.2          | 4.0          | 2.3            | 2.3           | 2.2          | 2.5          | 10.6                           |
| Part-year, full-time   | %               | 26.6                              | 27.1          | 26.3         | 17.9          | 12.1         | 8.4          | 6.3            | 4.9           | 3.2          | 2.7          | 13.5                           |
| Part-year, part-time   | %               | 43.8                              | 21.4          | 10.0         | 3.5           | 1.8          | 1.4          | *0.7           | *             | *            | *            | 8.3                            |
| <b>Total</b>   | %               | <b>100.0</b>                      | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>   | <b>100.0</b>  | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>                   |
| <b>Total</b>   | ( <b>'000</b> ) | <b>701.7</b>                      | <b>701.1</b>  | <b>701.7</b> | <b>701.6</b>  | <b>701.1</b> | <b>701.2</b> | <b>701.3</b>   | <b>701.5</b>  | <b>701.9</b> | <b>701.1</b> | <b>7,014.3</b>                 |

(a) At time of interview.



TABLE 3. PERSONS WITH EARNED INCOME: MEAN GROSS ANNUAL EARNED INCOME BY LABOUR FORCE EXPERIENCE, 1973-74 TO 1985-86(a)

| Labour force experience | 1973-74    | 1978-79 | 1981-82 | 1985-86 | 1973-74                                | 1978-79 | 1981-82 | 1985-86 |
|-------------------------|------------|---------|---------|---------|--|---------|---------|---------|
| MALES                   |            |         |         |         |  |         |         |         |
|                         | —Per cent— |         |         |         | —Mean gross annual earned income (\$)— |         |         |         |
| Full-year, full-time    | 82.4       | 79.1    | 79.1    | 81.1    | 6,650                                  | 12,320  | 17,010  | 22,850  |
| Full-year, part-time    | 1.8        | 1.8     | 1.6     | 3.1     | 2,490                                  | 6,160   | 8,680   | 11,780  |
| Part-year, full-time—   |            |         |         |         |  |         |         |         |
| 40-49 weeks             | 4.6        | 6.2     | 8.4     | 4.6     | 5,340                                  | 9,010   | 13,600  | 17,360  |
| 30-39 weeks             | 2.6        | 3.6     | 3.3     | 2.9     | 3,930                                  | 6,720   | 9,500   | 12,660  |
| 15-29 weeks             | 3.5        | 4.2     | 3.0     | 3.5     | 2,100                                  | 4,110   | 6,950   | 8,090   |
| 1-14 weeks              | 2.9        | 2.9     | 2.1     | 2.0     | 810                                    | 1,870   | 2,550   | 2,950   |
| Part-year, part-time—   |            |         |         |         |  |         |         |         |
| 30-49 weeks             | 0.7        | 0.8     | 1.3     | 1.5     | 2,000                                  | 6,310   | 5,870   | 7,190   |
| 1-29 weeks              | 1.6        | 1.2     | 1.3     | 1.4     | 600                                    | 1,650   | 2,420   | 2,760   |
| Total                   | 100.0      | 100.0   | 100.0   | 100.0   | 5,990                                  | 10,970  | 15,400  | 20,540  |
| Number ('000)           | 3,992.9    | 4,029.1 | 4,114.2 | 4,281.1 | ..                                     | ..      | ..      | ..      |
| MARRIED FEMALES         |            |         |         |         |  |         |         |         |
|                         | —Per cent— |         |         |         | —Mean gross annual earned income (\$)— |         |         |         |
| Full-year, full-time    | 43.7       | 40.3    | 37.4    | 40.8    | 4,380                                  | 9,170   | 13,140  | 17,980  |
| Full-year, part-time    | 17.3       | 27.5    | 25.2    | 28.7    | 2,660                                  | 5,910   | 7,840   | 9,950   |
| Part-year, full-time—   |            |         |         |         |  |         |         |         |
| 40-49 weeks             | 4.9        | 4.4     | 4.6     | 3.9     | 3,480                                  | 7,430   | 10,880  | 14,320  |
| 30-39 weeks             | 3.4        | 3.1     | 2.7     | 2.0     | 2,850                                  | 6,040   | 8,460   | 10,710  |
| 15-29 weeks             | 6.2        | 4.2     | 4.1     | 2.8     | 1,870                                  | 3,700   | 6,200   | 7,640   |
| 1-14 weeks              | 5.1        | 3.8     | 3.3     | 2.7     | 1,060                                  | 1,490   | 1,890   | 3,170   |
| Part-year, part-time—   |            |         |         |         |  |         |         |         |
| 30-49 weeks             | 7.0        | 7.8     | 11.6    | 10.3    | 1,890                                  | 3,660   | 5,650   | 6,960   |
| 1-29 weeks              | 12.4       | 8.8     | 11.0    | 8.8     | 900                                    | 1,520   | 2,560   | 2,230   |
| Total                   | 100.0      | 100.0   | 100.0   | 100.0   | 3,060                                  | 6,470   | 8,880   | 12,180  |
| Number ('000)           | 1,453.4    | 1,673.5 | 1,569.0 | 1,832.8 | ..                                     | ..      | ..      | ..      |
| OTHER FEMALES           |            |         |         |         |  |         |         |         |
|                         | —Per cent— |         |         |         | —Mean gross annual earned income (\$)— |         |         |         |
| Full-year, full-time    | 55.7       | 53.0    | 57.7    | 58.1    | 4,160                                  | 8,630   | 12,350  | 17,150  |
| Full-year, part-time    | 6.2        | 8.4     | 7.6     | 9.1     | 1,730                                  | 4,290   | 6,800   | 8,180   |
| Part-year, full-time—   |            |         |         |         |  |         |         |         |
| 40-49 weeks             | 4.9        | 7.4     | 8.8     | 7.4     | 3,160                                  | 6,510   | 8,880   | 11,930  |
| 30-39 weeks             | 3.9        | 4.8     | 5.7     | 4.2     | 2,170                                  | 4,710   | 6,630   | 10,070  |
| 15-29 weeks             | 9.6        | 8.9     | 5.2     | 6.0     | 1,370                                  | 2,830   | 4,920   | 6,140   |
| 1-14 weeks              | 8.5        | 6.5     | 4.2     | 3.1     | 570                                    | 970     | 1,580   | 2,020   |
| Part-year, part-time—   |            |         |         |         |  |         |         |         |
| 30-49 weeks             | 3.5        | 4.3     | 4.9     | 5.9     | 1,210                                  | 2,800   | 4,570   | 5,430   |
| 1-29 weeks              | 7.6        | 6.8     | 5.9     | 6.2     | 500                                    | 950     | 2,130   | 2,140   |
| Total                   | 100.0      | 100.0   | 100.0   | 100.0   | 2,930                                  | 6,140   | 9,470   | 12,890  |
| Number ('000)           | 828.9      | 881.6   | 886.0   | 900.4   | ..                                     | ..      | ..      | ..      |



**TABLE 3. PERSONS WITH EARNED INCOME: MEAN GROSS ANNUAL EARNED INCOME BY LABOUR FORCE EXPERIENCE, 1973-74 TO 1985-86(a)—continued**

| Labour force experience | 1973-74      | 1978-79      | 1981-82      | 1985-86      | 1973-74                                | 1978-79      | 1981-82       | 1985-86       |
|-------------------------|--------------|--------------|--------------|--------------|--|--------------|---------------|---------------|
| <b>ALL FEMALES</b>      |              |              |              |              |  |              |               |               |
|                         | —Per cent—   |              |              |              | —Mean gross annual earned income (\$)— |              |               |               |
| Full-year, full-time    | 48.1         | 44.7         | 44.7         | 46.5         | 4,280                                  | 8,950        | 12,770        | 17,640        |
| Full-year, part-time    | 13.2         | 20.9         | 18.8         | 22.2         | 2,500                                  | 5,690        | 7,690         | 9,710         |
| Part-year, full-time—   |              |              |              |              |  |              |               |               |
| 40-49 weeks             | 4.9          | 5.4          | 6.1          | 5.0          | 3,370                                  | 7,000        | 9,840         | 13,170        |
| 30-39 weeks             | 3.6          | 3.7          | 3.8          | 2.7          | 2,580                                  | 5,440        | 7,470         | 10,380        |
| 15-29 weeks             | 7.4          | 5.8          | 4.5          | 3.9          | 1,640                                  | 3,240        | 5,660         | 6,870         |
| 1-14 weeks              | 6.3          | 4.7          | 3.6          | 2.8          | 820                                    | 1,240        | 1,760         | 2,760         |
| Part-year, part-time—   |              |              |              |              |  |              |               |               |
| 30-49 weeks             | 5.7          | 6.6          | 9.2          | 8.9          | 1,740                                  | 3,470        | 5,450         | 6,620         |
| 1-29 weeks              | 10.7         | 8.1          | 9.2          | 7.9          | 800                                    | 1,360        | 2,460         | 2,210         |
| <b>Total</b>            | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>3,060</b>                           | <b>6,360</b> | <b>9,090</b>  | <b>12,410</b> |
| Number ('000)           | 2,282.2      | 2,555.1      | 2,455.0      | 2,733.2      | ..                                     | ..           | ..            | ..            |
| <b>PERSONS</b>          |              |              |              |              |  |              |               |               |
|                         | —Per cent—   |              |              |              | —Mean gross annual earned income (\$)— |              |               |               |
| Full-year, full-time    | 69.9         | 65.8         | 66.2         | 67.6         | 6,060                                  | 11,430       | 15,940        | 21,450        |
| Full-year, part-time    | 6.0          | 9.2          | 8.0          | 10.6         | 2,500                                  | 5,740        | 7,810         | 10,080        |
| Part-year, full-time—   |              |              |              |              |  |              |               |               |
| 40-49 weeks             | 4.7          | 5.9          | 7.5          | 4.8          | 4,590                                  | 8,300        | 12,460        | 15,630        |
| 30-39 weeks             | 2.9          | 3.7          | 3.5          | 2.8          | 3,330                                  | 6,220        | 8,670         | 11,800        |
| 15-29 weeks             | 4.9          | 4.8          | 3.6          | 3.6          | 1,840                                  | 3,710        | 6,340         | 7,580         |
| 1-14 weeks              | 4.1          | 3.6          | 2.7          | 2.3          | 820                                    | 1,550        | 2,150         | 2,860         |
| Part-year, part-time—   |              |              |              |              |  |              |               |               |
| 30-49 weeks             | 2.6          | 3.1          | 4.2          | 4.4          | 1,790                                  | 3,940        | 5,530         | 6,740         |
| 1-29 weeks              | 4.9          | 3.9          | 4.3          | 3.9          | 760                                    | 1,410        | 2,450         | 2,320         |
| <b>Total</b>            | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>4,900</b>                           | <b>9,180</b> | <b>13,040</b> | <b>17,370</b> |
| Number ('000)           | 6,275.2      | 6,584.2      | 6,569.2      | 7,014.3      | ..                                     | ..           | ..            | ..            |

(a) In 1973-74 and 1978-79 females who changed their marital status during the reporting year and persons aged 15-20 years who attended school full time for part of the reporting year were included. See Explanatory Notes in Appendix I.



**TABLE 4. PERSONS WITH EARNED INCOME: GROSS ANNUAL EARNED INCOME  
BY LABOUR FORCE EXPERIENCE, 1985-86**  
(<sup>'000</sup>)

| Gross annual<br>earned income(\$) | Full-year,<br>full-time | Full-year,<br>part-time | Part-year,<br>full-time | Part-year,<br>part-time | Total   |  |      |  |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|--|------|--|
| MALES                             |                         |                         |                         |                         |         |  |      |  |
| 1- 2,499                          | 39.2                    | 16.5                    | 57.1                    | 53.8                    | 166.6   |  |      |  |
| 2,500- 4,999                      | 56.2                    | 24.6                    | 73.1                    | 20.0                    | 174.0   |  |      |  |
| 5,000- 7,499                      | 87.7                    | 18.7                    | 71.5                    | 19.9                    | 197.8   |  |      |  |
| 7,500- 9,999                      | 125.5                   | 16.8                    | 66.0                    | *8.0                    | 216.2   |  |      |  |
| 10,000-12,499                     | 184.2                   | 15.3                    | 69.3                    | 9.7                     | 278.5   |  |      |  |
| 12,500-14,999                     | 223.1                   | *8.5                    | 53.3                    | *6.7                    | 287.2   |  |      |  |
| 15,000-17,499                     | 390.5                   | *7.3                    | 47.8                    |                         | 450.0   |  |      |  |
| 17,500-19,999                     | 422.3                   | *4.0                    | 42.4                    |                         | 470.4   |  |      |  |
| 20,000-22,499                     | 436.6                   | *6.2                    | 18.8                    | *4.1                    | 460.4   |  |      |  |
| 22,500-24,999                     | 292.3                   |                         | 19.6                    |                         | 315.1   |  |      |  |
| 25,000-27,499                     | 339.1                   | *5.4                    | 11.4                    |                         | 355.8   |  |      |  |
| 27,500-29,999                     | 217.6                   | *5.6                    | *6.6                    |                         | 227.5   |  |      |  |
| 30,000-34,999                     | 276.3                   |                         | *7.7                    |                         | 286.8   |  |      |  |
| 35,000-39,999                     | 164.7                   |                         | *5.5                    |                         | 170.3   |  |      |  |
| 40,000-44,999                     | 90.3                    | *4.0                    | *4.5                    |                         | 92.7    |  |      |  |
| 45,000-49,999                     | 47.3                    |                         |                         |                         | 49.6    |  |      |  |
| 50,000 and over                   | 78.5                    |                         |                         |                         | 82.3    |  |      |  |
| Total                             | 3,471.5                 | 132.9                   | 554.6                   | 122.2                   | 4,281.1 |  |      |  |
| MARRIED FEMALES                   |                         |                         |                         |                         |         |  |      |  |
| 1- 2,499                          | 16.5                    | 54.7                    | 34.3                    | 126.8                   | 232.3   |  |      |  |
| 2,500- 4,999                      | 22.4                    | 69.8                    | 22.6                    | 85.7                    | 200.6   |  |      |  |
| 5,000- 7,499                      | 26.3                    | 90.2                    | 31.4                    | 64.4                    | 212.3   |  |      |  |
| 7,500- 9,999                      | 22.6                    | 93.3                    | 30.7                    | 34.1                    | 180.8   |  |      |  |
| 10,000-12,499                     | 57.1                    | 71.5                    | 31.2                    | 15.6                    | 175.4   |  |      |  |
| 12,500-14,999                     | 101.2                   | 54.9                    | 23.1                    | 9.9                     | 189.1   |  |      |  |
| 15,000-17,499                     | 157.5                   | 37.8                    | 13.8                    | *5.7                    | 214.9   |  |      |  |
| 17,500-19,999                     | 96.4                    | 18.3                    | 8.8                     | *4.3                    | 127.8   |  |      |  |
| 20,000-22,499                     | 82.2                    | 10.4                    | *7.3                    | *3.4                    | 100.4   |  |      |  |
| 22,500-24,999                     | 48.3                    | *6.6                    |                         |                         | 57.8    |  |      |  |
| 25,000-27,499                     | 44.5                    | *7.6                    | *5.9                    |                         | 52.7    |  |      |  |
| 27,500-29,999                     | 20.2                    |                         |                         |                         | 23.7    |  |      |  |
| 30,000-34,999                     | 29.4                    |                         |                         |                         | 34.3    |  |      |  |
| 35,000-39,999                     | 9.4                     | *6.7                    |                         |                         | 10.3    |  |      |  |
| 40,000-44,999                     | *7.3                    |                         |                         |                         | *8.3    |  |      |  |
| 45,000-49,999                     | *7.1                    |                         |                         |                         | *3.9    |  |      |  |
| 50,000 and over                   | *7.1                    | *3.4                    |                         |                         |         |  | *8.3 |  |
| Total                             | 748.6                   | 525.1                   | 209.2                   | 349.9                   | 1,832.8 |  |      |  |
| OTHER FEMALES                     |                         |                         |                         |                         |         |  |      |  |
| 1- 2,499                          | *6.6                    | 11.5                    | 28.2                    | 57.3                    | 98.9    |  |      |  |
| 2,500- 4,999                      |                         | 11.9                    | 31.6                    | 22.7                    | 71.0    |  |      |  |
| 5,000- 7,499                      |                         | 16.5                    | 37.4                    | 11.0                    | 85.4    |  |      |  |
| 7,500- 9,999                      | 30.1                    | 14.3                    | 29.9                    | *6.5                    | 80.8    |  |      |  |
| 10,000-12,499                     | 63.9                    | 13.8                    | 16.5                    | *7.4                    | 101.6   |  |      |  |
| 12,500-14,999                     | 86.7                    | *6.3                    | 16.6                    |                         | 111.8   |  |      |  |
| 15,000-17,499                     | 100.6                   | *7.8                    | 9.5                     |                         | 117.3   |  |      |  |
| 17,500-19,999                     | 72.5                    |                         | 9.5                     | *4.3                    | 82.0    |  |      |  |
| 20,000-22,499                     | 48.5                    |                         | *7.1                    |                         | 51.2    |  |      |  |
| 22,500-24,999                     | 32.7                    |                         |                         |                         | 34.2    |  |      |  |
| 25,000-27,499                     | 23.9                    |                         |                         |                         | 27.6    |  |      |  |
| 27,500-29,999                     | 9.6                     |                         |                         |                         | 10.6    |  |      |  |
| 30,000-34,999                     | 18.5                    |                         |                         |                         | 19.4    |  |      |  |
| 35,000-39,999                     | *5.1                    | *3.7                    |                         |                         | *5.1    |  |      |  |
| 40,000-44,999                     | *3.7                    |                         |                         |                         |         |  |      |  |
| 45,000-49,999                     |                         |                         |                         |                         |         |  |      |  |
| 50,000 and over                   |                         |                         |                         |                         |         |  |      |  |
| Total                             | 522.8                   | 82.1                    | 186.3                   | 109.3                   | 900.4   |  |      |  |
| Total                             | 100.0                   | 100.0                   | 100.0                   | 100.0                   | 100.0   |  |      |  |
| Number ('000)                     | 821.9                   | 881.6                   | 886.0                   | 900.4                   | 900.4   |  |      |  |



TABLE 4. PERSONS WITH EARNED INCOME: GROSS ANNUAL EARNED INCOME  
BY LABOUR FORCE EXPERIENCE, 1985-86—continued  
(’000)

| Gross annual<br>earned income(\$) | Full-year,<br>full-time | Full-year,<br>part-time | Part-year,<br>full-time | Part-year,<br>part-time | Total   |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|
| ALL FEMALES                       |                         |                         |                         |                         |         |
| 1- 2,499                          | 18.3                    | 66.2                    | 62.5                    | 184.2                   | 331.2   |
| 2,500- 4,999                      | 27.2                    | 81.7                    | 54.2                    | 108.5                   | 271.6   |
| 5,000- 7,499                      | 46.7                    | 106.8                   | 68.8                    | 75.4                    | 297.6   |
| 7,500- 9,999                      | 52.8                    | 107.6                   | 60.6                    | 40.6                    | 261.5   |
| 10,000-12,499                     | 121.0                   | 85.2                    | 47.7                    | 23.0                    | 277.0   |
| 12,500-14,999                     | 187.9                   | 61.2                    | 39.7                    | 12.1                    | 300.9   |
| 15,000-17,499                     | 258.1                   | 42.9                    | 23.3                    | *7.8                    | 332.2   |
| 17,500-19,999                     | 168.9                   | 18.3                    | 18.3                    | *4.3                    | 209.7   |
| 20,000-22,499                     | 130.7                   | 12.1                    | *5.7                    |                         | 151.5   |
| 22,500-24,999                     | 80.9                    | *6.6                    | *4.0                    |                         | 92.0    |
| 25,000-27,499                     | 68.4                    | *5.0                    | *6.9                    |                         | 80.3    |
| 27,500-29,999                     | 29.8                    | *7.5                    |                         |                         | 34.4    |
| 30,000-34,999                     | 47.9                    |                         |                         |                         | 53.7    |
| 35,000-39,999                     | 14.5                    | *6.1                    | *3.7                    | *3.4                    | 15.4    |
| 40,000-44,999                     | 8.8                     |                         |                         |                         | 9.8     |
| 45,000-49,999                     | *3.7                    |                         |                         |                         | *5.4    |
| 50,000 and over                   | *5.7                    |                         |                         |                         | 9.1     |
| Total                             | 1,271.3                 | 607.2                   | 395.5                   | 459.2                   | 2,733.2 |
| PERSONS                           |                         |                         |                         |                         |         |
| 1- 2,499                          | 57.5                    | 82.7                    | 119.6                   | 238.0                   | 497.7   |
| 2,500- 4,999                      | 83.4                    | 106.3                   | 127.4                   | 128.5                   | 445.6   |
| 5,000- 7,499                      | 134.4                   | 125.4                   | 140.3                   | 95.3                    | 495.4   |
| 7,500- 9,999                      | 178.2                   | 124.4                   | 126.6                   | 48.6                    | 477.8   |
| 10,000-12,499                     | 305.2                   | 100.5                   | 117.0                   | 32.7                    | 555.5   |
| 12,500-14,999                     | 411.0                   | 69.7                    | 93.0                    | 14.4                    | 588.1   |
| 15,000-17,499                     | 648.6                   | 50.2                    | 71.2                    | 12.1                    | 782.1   |
| 17,500-19,999                     | 591.2                   | 22.3                    | 60.7                    | *6.0                    | 680.1   |
| 20,000-22,499                     | 567.3                   | 16.2                    | 24.4                    |                         | 611.9   |
| 22,500-24,999                     | 373.3                   | 8.7                     | 23.6                    |                         | 407.1   |
| 25,000-27,499                     | 407.5                   | 10.3                    | 18.3                    |                         | 436.1   |
| 27,500-29,999                     | 247.5                   | *5.5                    | *8.5                    |                         | 261.8   |
| 30,000-34,999                     | 324.2                   | *7.6                    | 8.6                     | *5.8                    | 340.4   |
| 35,000-39,999                     | 179.2                   | *5.0                    | *6.4                    |                         | 185.7   |
| 40,000-44,999                     | 99.1                    |                         | *4.5                    |                         | 102.5   |
| 45,000-49,999                     | 51.0                    |                         |                         |                         | 55.0    |
| 50,000 and over                   | 84.2                    | *5.1                    |                         |                         | 91.4    |
| Total                             | 4,742.8                 | 740.1                   | 950.0                   | 581.4                   | 7,014.3 |



TABLE 5. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME DECILE GROUPS BY SELECTED CHARACTERISTICS, 1985-86

| Characteristics of full-year, full-time workers  | Gross annual earned income decile |               |              |               |              |              |                |               |              |             | All persons with earned income |
|--|-----------------------------------|---------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|-------------|--------------------------------|
|  | Lowest 10%                        | Second decile | Third decile | Fourth decile | Fifth decile | Sixth decile | Seventh decile | Eighth decile | Ninth decile | Highest 10% |                                |
| Upper boundary of decile group(\$)   | 10,050                            | 13,649        | 15,998       | 17,805        | 19,758       | 21,985       | 24,735         | 27,825        | 33,500       | n.a.        | n.a.                           |
| Average gross annual earned income(\$)   | 6,330                             | 12,100        | 14,880       | 16,850        | 18,720       | 20,740       | 23,170         | 26,080        | 30,280       | 45,310      | 21,450                         |
| Proportion of full-year, full-time workers with principal source of earned income being: |                                   |               |              |               |              |              |                |               |              |             |                                |
| Wages or salary  | % 50.5                            | 77.4          | 87.0         | 91.7          | 93.8         | 93.4         | 93.9           | 94.6          | 96.5         | 89.9        | 86.9                           |
| Own business, trade or profession  | % 49.5                            | 22.6          | 13.0         | 8.3           | 6.2          | 6.6          | 6.1            | 5.4           | 3.5          | 10.1        | 13.1                           |
| Total  | % 100.0                           | 100.0         | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0         | 100.0        | 100.0       | 100.0                          |
| Proportion of full-year, full-time workers aged(b):                                      |                                   |               |              |               |              |              |                |               |              |             |                                |
| 15-24 years  | % 29.2                            | 42.2          | 33.4         | 21.5          | 16.6         | 12.0         | 8.5            | 4.7           | 2.7          | 1.8         | 17.2                           |
| 25-34 years  | % 18.6                            | 16.4          | 25.2         | 30.6          | 35.2         | 34.1         | 39.5           | 37.0          | 30.4         | 20.4        | 28.8                           |
| 35-44 years  | % 20.3                            | 18.7          | 19.5         | 21.4          | 20.5         | 27.6         | 26.7           | 32.2          | 39.7         | 40.8        | 26.7                           |
| 45-54 years  | % 19.2                            | 15.3          | 13.4         | 15.6          | 17.7         | 15.2         | 17.1           | 16.2          | 17.6         | 24.7        | 17.2                           |
| 55 years and over  | % 12.7                            | 7.5           | 8.5          | 11.0          | 9.9          | 11.0         | 8.3            | 10.0          | 9.7          | 12.3        | 10.1                           |
| Total  | % 100.0                           | 100.0         | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0         | 100.0        | 100.0       | 100.0                          |
| Proportion of full-year, full-time workers who were:                                     |                                   |               |              |               |              |              |                |               |              |             |                                |
| Males  | % 68.3                            | 55.6          | 57.6         | 64.0          | 71.1         | 76.7         | 77.0           | 83.7          | 86.1         | 91.6        | 73.2                           |
| Females  | % 31.7                            | 44.4          | 42.4         | 36.0          | 28.9         | 23.3         | 23.0           | 16.3          | 13.9         | 8.4         | 26.8                           |
| Total  | % 100.0                           | 100.0         | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0         | 100.0        | 100.0       | 100.0                          |
| Proportion of full-year, full-time workers whose educational attainment is:              |                                   |               |              |               |              |              |                |               |              |             |                                |
| Post-school qualifications—  |                                   |               |              |               |              |              |                |               |              |             |                                |
| Degree   | % 3.5                             | 4.1           | 3.0          | 5.1           | 4.1          | 7.8          | 9.4            | 14.2          | 23.5         | 35.4        | 11.0                           |
| Certificate (non-trade)/diploma  | % 12.4                            | 14.7          | 12.5         | 14.0          | 15.4         | 14.7         | 20.1           | 19.2          | 20.6         | 23.7        | 16.7                           |
| Trade certificate  | % 15.9                            | 14.0          | 17.4         | 23.1          | 26.5         | 27.6         | 26.2           | 27.1          | 23.5         | 15.3        | 21.7                           |
| Other  | % 1.9                             | 2.7           | 3.8          | 1.9           | *1.2         | 2.2          | 1.8            | 2.0           | 2.1          | *1.1        | 2.1                            |
| Total  | % 33.8                            | 35.4          | 36.7         | 44.1          | 47.2         | 52.3         | 57.5           | 62.5          | 69.7         | 75.5        | 51.5                           |
| Without post-school qualifications—  |                                   |               |              |               |              |              |                |               |              |             |                                |
| Left school at age—  |                                   |               |              |               |              |              |                |               |              |             |                                |
| 16 or over   | % 31.4                            | 31.6          | 33.1         | 27.5          | 27.4         | 22.1         | 20.9           | 20.7          | 17.5         | 14.7        | 24.7                           |
| 15 or under  | % 34.8                            | 33.0          | 30.2         | 28.4          | 25.4         | 25.6         | 21.6           | 16.8          | 12.8         | 9.8         | 23.8                           |
| Total  | % 66.2                            | 64.6          | 63.3         | 55.9          | 52.8         | 47.7         | 42.5           | 37.5          | 30.3         | 24.5        | 48.5                           |
| Total  | % 100.0                           | 100.0         | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0         | 100.0        | 100.0       | 100.0                          |



TABLE 5. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME DECILE GROUPS BY SELECTED CHARACTERISTICS, 1985-86—continued

| Characteristics of full-year, full-time workers                  |        | Gross annual earned income decile |               |              |               |              |              |                |               |              | All persons with earned income |             |
|--|--------|-----------------------------------|---------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------------------------|-------------|
|  |        | Lowest 10%                        | Second decile | Third decile | Fourth decile | Fifth decile | Sixth decile | Seventh decile | Eighth decile | Ninth decile |                                | Highest 10% |
| Proportion of full-year, full-time workers whose occupation was: |        |                                   |               |              |               |              |              |                |               |              |                                |             |
| Managers and administrators                                      | %      | 27.5                              | 11.9          | 4.8          | 5.5           | 6.3          | 7.2          | 7.6            | 11.3          | 15.9         | 33.0                           | 13.1        |
| Professionals  | %      | 4.3                               | 4.0           | 3.2          | 5.0           | 4.7          | 9.3          | 15.1           | 21.7          | 30.6         | 29.7                           | 12.8        |
| Para-professionals   | %      | *1.7                              | 3.6           | 1.8          | 4.4           | 4.6          | 7.9          | 12.3           | 11.2          | 10.1         | 8.0                            | 6.6         |
| Tradespersons  | %      | 24.3                              | 21.6          | 20.5         | 22.3          | 24.6         | 24.0         | 20.6           | 17.8          | 13.3         | 7.6                            | 19.7        |
| Clerks   | %      | 9.6                               | 16.8          | 23.6         | 24.1          | 23.1         | 18.7         | 16.3           | 12.2          | 9.3          | 5.1                            | 15.9        |
| Salespersons and personal service workers                        | %      | 15.9                              | 15.9          | 15.2         | 9.0           | 7.5          | 8.4          | 8.1            | 6.3           | 4.2          | 3.7                            | 9.4         |
| Plant and machine operators, and drivers                         | %      | 5.8                               | 9.8           | 10.5         | 11.3          | 10.8         | 11.2         | 9.5            | 11.2          | 10.8         | 8.2                            | 9.9         |
| Labourers and related workers                                    | %      | 11.0                              | 16.5          | 20.6         | 18.5          | 18.2         | 11.7         | 9.0            | 7.3           | 5.1          | 4.2                            | 12.2        |
| Defence  | %      | *                                 | *             | *            | *             | *            | *1.7         | *1.6           | *1.0          | *            | *                              | 0.5         |
| Total  | %      | 100.0                             | 100.0         | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0         | 100.0        | 100.0                          | 100.0       |
| Total  | ('000) | 474.3                             | 474.6         | 456.0        | 492.2         | 474.7        | 474.0        | 473.8          | 474.5         | 475.8        | 472.8                          | 4,742.8     |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero. (b) At time of interview.



**TABLE 6. FULL-YEAR, FULL-TIME WORKERS(a): INCOME SHARE FOR GROSS ANNUAL EARNED INCOME DECILE GROUPS, 1973-74 TO 1985-86(b)**

| Gross annual earned income deciles | Income share (per cent) |         |         |         | Mean gross annual earned income (\$) |         |         |         |
|------------------------------------|-------------------------|---------|---------|---------|--------------------------------------|---------|---------|---------|
|                                    | 1973-74                 | 1978-79 | 1981-82 | 1985-86 | 1973-74                              | 1978-79 | 1981-82 | 1985-86 |
| <b>MALES</b>                       |                         |         |         |         |                                      |         |         |         |
| Lowest                             | 3.4                     | 3.4     | 3.1     | 2.9     | 2,290                                | 4,190   | 5,290   | 6,650   |
| 2nd                                | 5.9                     | 6.0     | 5.7     | 5.6     | 3,930                                | 7,360   | 9,720   | 12,820  |
| 3rd                                | 7.0                     | 7.1     | 7.1     | 7.0     | 4,690                                | 8,810   | 12,020  | 15,950  |
| 4th                                | 7.8                     | 8.0     | 8.0     | 7.9     | 5,170                                | 9,870   | 13,540  | 18,070  |
| 5th                                | 8.6                     | 8.8     | 8.8     | 8.3     | 5,750                                | 10,810  | 14,980  | 20,000  |
| 6th                                | 9.4                     | 9.7     | 9.7     | 10.2    | 6,250                                | 11,910  | 16,480  | 22,060  |
| 7th                                | 10.4                    | 10.6    | 10.7    | 10.4    | 6,920                                | 13,070  | 18,270  | 24,720  |
| 8th                                | 11.7                    | 11.9    | 12.0    | 12.5    | 7,780                                | 14,630  | 20,390  | 27,540  |
| 9th                                | 13.9                    | 13.7    | 14.0    | 14.0    | 9,210                                | 16,840  | 23,870  | 32,010  |
| Highest                            | 21.8                    | 20.9    | 21.0    | 21.2    | 14,500                               | 25,740  | 35,520  | 48,410  |
| Total                              | 100.0                   | 100.0   | 100.0   | 100.0   | 6,650                                | 12,320  | 17,010  | 22,850  |
| Gini coefficient                   | 0.26                    | 0.25    | 0.26    | 0.26    | ..                                   | ..      | ..      | ..      |
| Number('000)                       | 3,292.3                 | 3,187.9 | 3,252.8 | 3,471.5 | ..                                   | ..      | ..      | ..      |
| <b>FEMALES</b>                     |                         |         |         |         |                                      |         |         |         |
| Lowest                             | 3.5                     | 3.8     | 3.8     | 3.2     | 1,490                                | 3,420   | 4,790   | 5,590   |
| 2nd                                | 6.1                     | 6.4     | 6.2     | 6.3     | 2,610                                | 5,720   | 7,880   | 11,020  |
| 3rd                                | 7.3                     | 7.7     | 7.6     | 7.6     | 3,110                                | 6,910   | 9,680   | 13,180  |
| 4th                                | 8.3                     | 8.6     | 8.5     | 8.2     | 3,530                                | 7,720   | 10,860  | 14,800  |
| 5th                                | 9.1                     | 9.4     | 9.2     | 9.2     | 3,880                                | 8,370   | 11,790  | 16,110  |
| 6th                                | 9.8                     | 10.1    | 9.9     | 9.9     | 4,180                                | 8,990   | 12,620  | 17,390  |
| 7th                                | 10.8                    | 10.8    | 10.7    | 11.2    | 4,630                                | 9,700   | 13,670  | 19,070  |
| 8th                                | 11.9                    | 11.8    | 11.8    | 11.7    | 5,090                                | 10,500  | 15,120  | 21,350  |
| 9th                                | 13.7                    | 13.4    | 13.6    | 13.9    | 5,850                                | 12,010  | 17,390  | 24,550  |
| Highest                            | 19.7                    | 18.0    | 18.7    | 19.0    | 8,410                                | 16,120  | 23,900  | 33,420  |
| Total                              | 100.0                   | 100.0   | 100.0   | 100.0   | 4,280                                | 8,950   | 12,770  | 17,640  |
| Gini coefficient                   | 0.23                    | 0.21    | 0.22    | 0.23    | ..                                   | ..      | ..      | ..      |
| Number('000)                       | 1,099.8                 | 1,142.7 | 1,098.3 | 1,271.3 | ..                                   | ..      | ..      | ..      |
| <b>PERSONS</b>                     |                         |         |         |         |                                      |         |         |         |
| Lowest                             | 3.2                     | 3.4     | 3.2     | 3.0     | 1,960                                | 3,930   | 5,110   | 6,330   |
| 2nd                                | 5.5                     | 5.9     | 5.7     | 5.7     | 3,340                                | 6,690   | 9,070   | 12,100  |
| 3rd                                | 6.7                     | 7.1     | 7.0     | 6.7     | 4,070                                | 8,100   | 11,190  | 14,880  |
| 4th                                | 7.7                     | 8.0     | 7.9     | 8.2     | 4,670                                | 9,090   | 12,540  | 16,850  |
| 5th                                | 8.5                     | 8.7     | 8.7     | 8.7     | 5,160                                | 9,990   | 13,930  | 18,720  |
| 6th                                | 9.5                     | 9.6     | 9.6     | 9.7     | 5,750                                | 10,970  | 15,360  | 20,740  |
| 7th                                | 10.5                    | 10.7    | 10.7    | 10.8    | 6,360                                | 12,180  | 17,100  | 23,170  |
| 8th                                | 12.0                    | 11.9    | 12.1    | 12.2    | 7,250                                | 13,660  | 19,210  | 26,080  |
| 9th                                | 14.1                    | 13.9    | 14.1    | 14.2    | 8,560                                | 15,830  | 22,410  | 30,280  |
| Highest                            | 22.2                    | 20.9    | 21.0    | 21.1    | 13,440                               | 23,880  | 33,460  | 45,310  |
| Total                              | 100.0                   | 100.0   | 100.0   | 100.0   | 6,060                                | 11,430  | 15,940  | 21,450  |
| Gini coefficient                   | 0.27                    | 0.25    | 0.26    | 0.26    | ..                                   | ..      | ..      | ..      |
| Number('000)                       | 4,392.1                 | 4,330.6 | 4,351.1 | 4,742.8 | ..                                   | ..      | ..      | ..      |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero. (b) In 1973-74 and 1978-79 females who changed their marital status during the reporting year and persons aged 15-20 years who attended school full time for part of the reporting year were included. See Explanatory Notes in Appendix 1.



**TABLE 7. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME  
BY LABOUR FORCE EXPERIENCE, 1985-86**

| Gross annual<br>earned income(\$) | Males   | Married<br>females | Other<br>females | All<br>females | Persons |
|-----------------------------------|---------|--------------------|------------------|----------------|---------|
| —'000—                            |         |                    |                  |                |         |
| 1- 2,499                          | 39.2    | 16.5               | *6.6             | 18.3           | 57.5    |
| 2,500- 4,999                      | 56.2    | 22.4               |                  | 27.2           | 83.4    |
| 5,000- 7,499                      | 87.7    | 26.3               |                  | 20.4           | 134.4   |
| 7,500- 9,999                      | 125.5   | 22.6               |                  | 30.1           | 178.2   |
| 10,000-12,499                     | 184.2   | 57.1               | 63.9             | 121.0          | 305.2   |
| 12,500-14,999                     | 223.1   | 101.2              | 86.7             | 187.9          | 411.0   |
| 15,000-17,499                     | 390.5   | 157.5              | 100.6            | 258.1          | 648.6   |
| 17,500-19,999                     | 422.3   | 96.4               | 72.5             | 168.9          | 591.2   |
| 20,000-22,499                     | 436.6   | 82.2               | 48.5             | 130.7          | 567.3   |
| 22,500-24,999                     | 292.3   | 48.3               | 32.7             | 80.9           | 373.3   |
| 25,000-27,499                     | 339.1   | 44.5               | 23.9             | 68.4           | 407.5   |
| 27,500-29,999                     | 217.6   | 20.2               | 9.6              | 29.8           | 247.5   |
| 30,000-34,999                     | 276.3   | 29.4               | 18.5             | 47.9           | 324.2   |
| 35,000-39,999                     | 164.7   | 9.4                | *5.1             | 14.5           | 179.2   |
| 40,000-44,999                     | 90.3    | *7.3               | *3.7             | 8.8            | 99.1    |
| 45,000-49,999                     | 47.3    | *7.1               |                  | *3.7           | 51.0    |
| 50,000 and over                   | 78.5    |                    |                  | *5.7           | 84.2    |
| Total                             | 3,471.5 | 748.6              |                  | 522.8          | 1,271.3 |
| —Dollars—                         |         |                    |                  |                |         |
| Median income(\$)                 | 21,000  | 17,000             | 16,500           | 16,900         | 19,810  |
| Mean income(\$)                   | 22,850  | 17,980             | 17,150           | 17,640         | 21,450  |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero.

**TABLE 8. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME  
BY PRINCIPAL SOURCE OF EARNED INCOME, 1985-86**

| Gross annual<br>earned income(\$) | Principal source of gross annual earned income from |                |                |                                   |              |              |
|-----------------------------------|---|----------------|----------------|-----------------------------------|--------------|--------------|
|                                   | Wages or salary                                     |                |                | Own business, trade or profession |              |              |
|                                   | Males   | Females        | Persons        | Males                             | Females      | Persons      |
| —'000—                            |   |                |                |                                   |              |              |
| 1- 2,499                          | 12.4  | *7.8           | 20.3           | 26.7                              | 10.5         | 37.2         |
| 2,500- 4,999                      | 26.7  | 11.8           | 38.5           | 29.5                              | 15.4         | 44.9         |
| 5,000- 7,499                      | 36.6  | 29.2           | 65.8           | 51.1                              | 17.5         | 68.6         |
| 7,500- 9,999                      | 61.6  | 42.3           | 103.9          | 63.8                              | 10.5         | 74.3         |
| 10,000-12,499                     | 105.8   | 105.9          | 211.7          | 78.4                              | 15.2         | 93.5         |
| 12,500-14,999                     | 173.1   | 182.4          | 355.6          | 49.9                              | *5.5         | 55.4         |
| 15,000-17,499                     | 335.8   | 250.5          | 586.3          | 54.6                              | *7.7         | 62.3         |
| 17,500-19,999                     | 392.7   | 160.6          | 553.3          | 29.6                              | *8.2         | 37.8         |
| 20,000-22,499                     | 405.3   | 123.1          | 528.4          | 31.3                              | *7.6         | 38.9         |
| 22,500-24,999                     | 275.2   | 76.0           | 351.2          | 17.2                              | *4.9         | 22.1         |
| 25,000-29,999                     | 529.8   | 94.5           | 624.2          | 27.0                              | *3.7         | 30.7         |
| 30,000-39,999                     | 425.4   | 56.8           | 482.1          | 15.7                              | *5.7         | 21.3         |
| 40,000-49,999                     | 124.2   | *5.3           | 129.5          | 13.4                              | *7.7         | 20.6         |
| 50,000 and over                   | 64.8  | *5.1           | 70.0           | 13.7                              |              | 14.3         |
| <b>Total</b>                      | <b>2,969.6</b>                                      | <b>1,151.3</b> | <b>4,120.9</b> | <b>501.9</b>                      | <b>120.0</b> | <b>621.9</b> |
| —Dollars—                         |   |                |                |                                   |              |              |
| Median income(\$)                 | 22,000  | 17,000         | 20,500         | 12,880                            | 10,720       | 12,310       |
| Mean income(\$)                   | 24,030  | 17,990         | 22,350         | 15,820                            | 14,210       | 15,510       |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero.



TABLE 9. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME BY STATE OR TERRITORY, 1985-86

| Gross annual earned income(\$) | N.S.W.  | Vic.    | Qld     | S.A.    | W.A.    | Tas.    | N.T.   | A.C.T. | Australia |
|--------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|-----------|
| MALES                          |         |         |         |         |         |         |        |        |           |
| —'000—                         |         |         |         |         |         |         |        |        |           |
| 1- 2,499                       | 11.5    | 10.5    | 6.8     | *2.2    | 6.9     | *1.8    | }      | *1.8   | 39.2      |
| 2,500- 4,999                   | 12.8    | 16.9    | 12.1    | 5.7     | 6.0     |         |        |        | 56.2      |
| 5,000- 7,499                   | 28.4    | 21.2    | 16.0    | 8.4     | 9.5     | 3.4     | *3.2   | *1.2   | 87.7      |
| 7,500- 9,999                   | 41.4    | 31.9    | 22.4    | 11.2    | 14.1    | 3.7     |        |        | 125.5     |
| 10,000-12,499                  | 59.7    | 59.2    | 28.2    | 14.9    | 12.8    | 5.2     | 4.0    | *1.9   | 184.2     |
| 12,500-14,999                  | 74.7    | 61.1    | 36.0    | 24.6    | 17.2    | 6.7     |        | *1.8   | 223.1     |
| 15,000-17,499                  | 120.1   | 92.8    | 83.6    | 38.0    | 38.5    | 9.2     | *3.0   | 5.3    | 390.5     |
| 17,500-19,999                  | 150.4   | 121.6   | 58.7    | 38.8    | 32.0    | 14.5    |        | 3.2    | 422.3     |
| 20,000-22,499                  | 157.2   | 114.7   | 62.6    | 41.5    | 35.5    | 14.3    | 4.3    | 6.6    | 436.6     |
| 22,500-24,999                  | 90.1    | 79.2    | 56.4    | 22.1    | 29.2    | 7.6     | *2.5   | 5.3    | 292.3     |
| 25,000-27,499                  | 116.8   | 95.0    | 48.6    | 28.8    | 34.1    | 8.1     | *2.7   | 5.0    | 339.1     |
| 27,500-29,999                  | 72.6    | 71.8    | 28.1    | 13.0    | 19.3    | 4.9     | *1.6   | 6.4    | 217.6     |
| 30,000-34,999                  | 100.0   | 77.8    | 30.7    | 16.1    | 27.4    | 4.8     | 9.0    | 10.5   | 276.3     |
| 35,000-39,999                  | 59.3    | 42.6    | 24.4    | 11.0    | 12.7    | 5.9     | *3.0   | 5.9    | 164.7     |
| 40,000-44,999                  | 34.8    | 22.2    | 7.0     | 4.8     | 9.1     | *2.0    | 3.9    | 6.5    | 90.3      |
| 45,000-49,999                  | 16.0    | 14.6    | *5.8    | *4.2    | *4.2    | *1.5    | *2.7   | *2.2   | 47.3      |
| 50,000 and over                | 32.3    | 16.4    | 11.0    | 5.4     | 9.6     |         |        |        | 78.5      |
| Total                          | 1,178.0 | 949.4   | 538.3   | 290.6   | 318.1   | 93.7    | 39.9   | 63.5   | 3,471.5   |
| —Dollars—                      |         |         |         |         |         |         |        |        |           |
| Median income(\$)              | 21,400  | 21,340  | 20,000  | 20,000  | 21,250  | 20,080  | 26,620 | 27,860 | 21,000    |
| Mean income(\$)                | 23,600  | 22,880  | 21,280  | 21,260  | 22,900  | 21,410  | 27,890 | 27,470 | 22,850    |
| FEMALES                        |         |         |         |         |         |         |        |        |           |
| —'000—                         |         |         |         |         |         |         |        |        |           |
| 1- 2,499                       | *5.3    | 12.2    | *6.7    | *1.8    | *3.7    | }       | }      | }      | 18.3      |
| 2,500- 4,999                   | *5.7    |         | 7.1     | *2.8    |         |         |        |        | 27.2      |
| 5,000- 7,499                   | 19.3    | 9.8     | 8.4     | 4.8     | *3.2    | 3.5     | }      | *3.3   | 46.7      |
| 7,500- 9,999                   | 18.1    | 10.2    | 12.4    | 4.6     | *4.4    |         |        |        | 52.8      |
| 10,000-12,499                  | 44.2    | 38.4    | 17.2    | 7.0     | 6.2     | 3.0     | }      | }      | 121.0     |
| 12,500-14,999                  | 63.5    | 47.4    | 36.5    | 14.5    | 14.6    | 5.5     |        |        | 187.9     |
| 15,000-17,499                  | 97.8    | 69.3    | 42.2    | 16.6    | 19.9    | 4.9     | *3.5   | 3.9    | 258.1     |
| 17,500-19,999                  | 59.4    | 49.4    | 22.8    | 13.3    | 13.7    | 3.2     |        | 6.1    | 168.9     |
| 20,000-22,499                  | 43.9    | 37.7    | 20.3    | 10.1    | 9.2     | 2.7     | 4.0    | 3.0    | 130.7     |
| 22,500-24,999                  | 28.4    | 23.5    | 9.9     | 5.0     | 8.1     | *1.7    | *2.9   | 3.9    | 80.9      |
| 25,000-27,499                  | 26.6    | 17.1    | *4.9    | 5.8     | 6.3     | *1.5    | *3.1   | *1.3   | 68.4      |
| 27,500-29,999                  | *8.5    | *8.2    | *3.1    | *2.8    | *4.4    | *1.5    | *2.8   | *1.7   | 29.8      |
| 30,000-34,999                  | 18.3    | 14.7    | *4.4    | 4.6     | *3.5    |         |        | *2.3   | 47.9      |
| 35,000 and over                | 9.4     | 9.9     | *5.7    |         | *2.1    | *1.3    |        | 2.8    | 32.6      |
| Total                          | 448.3   | 347.5   | 201.8   | 93.8    | 99.3    | 30.8    | 19.7   | 30.0   | 1,271.3   |
| —Dollars—                      |         |         |         |         |         |         |        |        |           |
| Median income(\$)              | 16,920  | 17,000  | 15,730  | 16,680  | 17,130  | 16,900  | 19,170 | 20,250 | 16,900    |
| Mean income(\$)                | 17,650  | 18,000  | 16,140  | 17,100  | 18,000  | 18,510  | 19,670 | 21,620 | 17,640    |
| Total                          |         |         |         |         |         |         |        |        |           |
| Number('000)                   | 4,392.1 | 4,330.6 | 4,351.1 | 4,121.5 | 4,762.3 | 4,966.5 | 12,181 | 17,101 | 12,700    |

(a) Excludes 119,500 full-year, full-time workers whose gross annual earned income was zero. (b) Excludes 119,500 full-year, full-time workers who changed their marital status during the reporting year and persons aged 15-25 years who attended school full-time for part of the reporting year were included. See Explanatory Notes in Appendix 1.



TABLE 9. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME  
BY STATE OR TERRITORY, 1985-86—continued

| Gross annual earned income(\$) | N.S.W.  | Vic.    | Qld    | S.A.   | W.A.   | Tas.   | N.T.   | A.C.T. | Australia |
|--------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|-----------|
| PERSONS                        |         |         |        |        |        |        |        |        |           |
| —'000—                         |         |         |        |        |        |        |        |        |           |
| 1- 2,499                       | 16.8    | 13.0    | 13.4   | *4.0   | 8.8    | *2.1   | 6.5    | *1.8   | 57.5      |
| 2,500- 4,999                   | 18.5    | 26.5    | 19.2   | 8.5    | 7.7    |        |        |        | 83.4      |
| 5,000- 7,499                   | 47.7    | 31.0    | 24.4   | 13.2   | 12.7   |        |        |        | 134.4     |
| 7,500- 9,999                   | 59.5    | 42.0    | 34.8   | 15.8   | 18.5   | 6.2    | *3.0   | *2.2   | 178.2     |
| 10,000-12,499                  | 103.9   | 97.5    | 45.4   | 22.0   | 19.0   | 8.2    |        |        | 305.2     |
| 12,500-14,999                  | 138.2   | 108.5   | 72.5   | 39.2   | 31.9   | 12.2   |        |        | 411.0     |
| 15,000-17,499                  | 217.8   | 162.1   | 125.8  | 54.6   | 58.4   | 14.0   | 4.6    | 11.3   | 648.6     |
| 17,500-19,999                  | 209.8   | 171.0   | 81.6   | 52.1   | 45.6   | 17.8   | 7.1    | 6.3    | 591.2     |
| 20,000-22,499                  | 201.1   | 152.4   | 82.9   | 51.5   | 44.7   | 17.0   | 7.2    | 10.5   | 567.3     |
| 22,500-24,999                  | 118.4   | 102.6   | 66.3   | 27.2   | 37.3   | 9.3    | 5.6    | 6.6    | 373.3     |
| 25,000-27,499                  | 143.4   | 112.1   | 53.5   | 34.6   | 40.5   | 11.7   | 5.0    | 6.7    | 407.5     |
| 27,500-29,999                  | 81.1    | 80.0    | 31.2   | 15.8   | 23.7   | 5.4    | *1.6   | 8.7    | 247.5     |
| 30,000-34,999                  | 118.3   | 92.5    | 35.1   | 19.4   | 30.9   | 5.8    | 9.0    | 13.2   | 324.2     |
| 35,000-39,999                  | 61.8    | 47.7    | 27.8   | 11.9   | 13.9   | 6.5    | *3.0   | 6.8    | 179.2     |
| 40,000-44,999                  | 39.2    | 23.0    | 8.7    | 5.2    | 10.0   | *2.0   | 3.9    | 7.0    | 99.1      |
| 45,000-49,999                  | 16.8    | 15.4    | *6.5   | *4.2   | *4.2   | *2.3   | *1.6   | 3.2    | 51.0      |
| 50,000 and over                | 33.9    | 19.6    | 11.0   | 5.4    | 9.6    |        | *1.7   |        | 84.2      |
| Total                          | 1,626.3 | 1,296.9 | 740.1  | 384.5  | 417.4  | 124.5  | 59.6   | 93.5   | 4,742.8   |
| —Dollars—                      |         |         |        |        |        |        |        |        |           |
| Median income(\$)              | 20,000  | 20,000  | 18,420 | 19,000 | 20,180 | 19,470 | 22,080 | 26,000 | 19,810    |
| Mean income(\$)                | 21,960  | 21,570  | 19,880 | 20,250 | 21,740 | 20,690 | 25,170 | 25,590 | 21,450    |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero.



TABLE 10. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME BY AGE BY SEX, 1985-86

|                                   | Age group (years)(b) |         |        |        |                |         |         |
|-----------------------------------|----------------------|---------|--------|--------|----------------|---------|---------|
| Gross annual<br>earned income(\$) | 15-24                | 25-34   | 35-44  | 45-54  | 55 and<br>over | Total   |         |
| MALES                             |                      |         |        |        |                |         |         |
| —'000—                            |                      |         |        |        |                |         |         |
| 1- 2,499                          | } 11.6               | 8.7     | *5.1   | *8.3   | 14.7           | 39.2    |         |
| 2,500- 4,999                      |                      | 13.1    | 16.4   | 11.8   | *5.6           | 56.2    |         |
| 5,000- 7,499                      |                      | 22.1    | 13.6   | 18.8   | 13.2           | 87.7    |         |
| 7,500- 9,999                      |                      | 17.5    | 24.3   | 20.3   | 13.5           | 125.5   |         |
| 10,000-12,499                     |                      | 31.1    | 28.8   | 37.9   | 17.7           | 184.2   |         |
| 12,500-14,999                     | 88.6                 | 52.7    | 36.9   | 22.2   | 22.7           | 223.1   |         |
| 15,000-17,499                     | 85.7                 | 114.3   | 82.5   | 57.6   | 50.3           | 390.5   |         |
| 17,500-19,999                     | 69.4                 | 141.6   | 84.8   | 76.6   | 49.9           | 422.3   |         |
| 20,000-22,999                     | 51.6                 | 148.5   | 122.3  | 64.2   | 50.0           | 436.6   |         |
| 22,500-24,999                     | 18.7                 | 104.3   | 86.2   | 56.5   | 26.7           | 292.3   |         |
| 25,000-27,499                     | 18.4                 | 124.0   | 116.9  | 51.6   | 28.2           | 339.1   |         |
| 27,500-29,999                     | *6.7                 | 69.5    | 75.8   | 41.4   | 24.2           | 217.6   |         |
| 30,000-34,999                     | } *8.0               | 78.1    | 115.4  | 48.3   | 26.5           | 276.3   |         |
| 35,000-39,999                     |                      | 36.1    | 67.6   | 39.9   | 18.3           | 164.7   |         |
| 40,000-44,999                     |                      | 19.1    | 37.9   | 19.7   | 12.4           | 90.3    |         |
| 45,000-49,999                     |                      | *5.8    | *6.5   | 19.7   | 13.3           | *7.3    | 47.3    |
| 50,000 and over                   |                      | 13.7    | 28.4   | 22.0   | 13.3           | 78.5    |         |
| Total                             | 502.9                | 1,000.9 | 962.7  | 610.4  | 394.5          | 3,471.5 |         |
| —Dollars—                         |                      |         |        |        |                |         |         |
| Median income(\$)                 | 15,180               | 21,640  | 24,010 | 22,000 | 20,040         | 21,000  |         |
| Mean income(\$)                   | 15,840               | 22,910  | 25,570 | 24,430 | 22,540         | 22,850  |         |
| FEMALES                           |                      |         |        |        |                |         |         |
| —'000—                            |                      |         |        |        |                |         |         |
| 1- 2,499                          | } *5.7               | 11.4    | *6.7   | *6.3   | } *3.4         | 18.3    |         |
| 2,500- 4,999                      |                      | 8.9     | *3.1   | *3.1   |                | 27.2    |         |
| 5,000- 7,499                      |                      | *4.2    | *6.6   | 10.4   |                | *7.2    | 46.7    |
| 7,500- 9,999                      |                      | *7.6    | *7.7   | *7.1   |                | *6.2    | 52.8    |
| 10,000-12,499                     |                      | 16.7    | 25.7   | 14.9   |                | 11.0    | 121.0   |
| 12,500-14,999                     | 74.2                 | 37.7    | 41.9   | 23.1   | 15.0           | 187.9   |         |
| 15,000-17,499                     | 70.3                 | 72.9    | 56.9   | 43.1   | 15.0           | 258.1   |         |
| 17,500-19,999                     | 29.5                 | 63.8    | 36.3   | 30.7   | *8.5           | 168.9   |         |
| 20,000-22,499                     | 18.9                 | 51.3    | 30.5   | 20.5   | 9.6            | 130.7   |         |
| 22,500-24,999                     | *4.7                 | 40.0    | 19.2   | 10.8   | *6.2           | 80.9    |         |
| 25,000-27,499                     | } *4.2               | 26.9    | 18.3   | 13.0   | *7.3           | 68.4    |         |
| 27,500-29,999                     |                      | 13.4    | 10.7   | *4.0   | *5.8           | 29.8    |         |
| 30,000-34,999                     |                      | *8.4    | 22.7   | 11.5   | *4.1           | 47.9    |         |
| 35,000 and over                   |                      | *8.3    | 13.3   | *6.8   |                | 32.6    |         |
| Total                             |                      | 313.6   | 362.8  | 305.4  | 205.3          | 84.3    | 1,271.3 |
| —Dollars—                         |                      |         |        |        |                |         |         |
| Median income(\$)                 | 13,900               | 18,730  | 17,780 | 17,090 | 17,530         | 16,900  |         |
| Mean income(\$)                   | 13,950               | 19,280  | 18,950 | 17,990 | 18,670         | 17,640  |         |



TABLE 10. FULL-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME BY AGE BY SEX, 1985-86-continued

|                                   | Age group (years)(b) |         |         |        |                |         |
|-----------------------------------|----------------------|---------|---------|--------|----------------|---------|
| Gross annual<br>earned income(\$) | 15-24                | 25-34   | 35-44   | 45-54  | 55 and<br>over | Total   |
| PERSONS                           |                      |         |         |        |                |         |
|                                   | —'000—               |         |         |        |                |         |
| 1- 2,499                          | *5.6                 | 10.2    | 11.9    | 14.7   | 15.1           | 57.5    |
| 2,500- 4,999                      | 11.7                 | 23.0    | 25.2    | 14.8   | 8.6            | 83.4    |
| 5,000- 7,499                      | 38.1                 | 26.3    | 20.2    | 29.3   | 20.4           | 134.4   |
| 7,500- 9,999                      | 77.8                 | 25.1    | 32.0    | 27.4   | 15.9           | 178.2   |
| 10,000-12,499                     | 128.7                | 47.8    | 54.5    | 52.8   | 21.5           | 305.2   |
| 12,500-14,999                     | 162.7                | 90.4    | 78.8    | 45.3   | 33.7           | 411.0   |
| 15,000-17,499                     | 156.0                | 187.3   | 139.4   | 100.7  | 65.2           | 648.6   |
| 17,500-19,999                     | 98.9                 | 205.5   | 121.1   | 107.3  | 58.4           | 591.2   |
| 20,000-22,499                     | 70.4                 | 199.8   | 152.8   | 84.7   | 59.6           | 567.3   |
| 22,500-24,999                     | 23.5                 | 144.3   | 105.4   | 67.3   | 32.8           | 373.3   |
| 25,000-27,499                     | 21.2                 | 150.9   | 135.2   | 64.6   | 35.5           | 407.5   |
| 27,500-29,999                     | *7.4                 | 82.9    | 86.5    | 45.4   | 25.2           | 247.5   |
| 30,000-34,999                     | 8.6                  | 86.4    | 138.1   | 59.8   | 31.3           | 324.2   |
| 35,000-39,999                     | *5.8                 | 39.1    | 73.8    | 43.8   | 19.7           | 179.2   |
| 40,000-44,999                     |                      | 21.6    | 40.6    | 20.7   | 15.0           | 99.1    |
| 45,000-49,999                     |                      | *7.8    | 21.2    | 14.0   | *7.4           | 51.0    |
| 50,000 and over                   |                      | 15.3    | 31.4    | 23.1   | 13.3           | 84.2    |
| Total                             | 816.4                | 1,363.7 | 1,268.2 | 815.6  | 478.9          | 4,742.8 |
|                                   | —Dollars—            |         |         |        |                |         |
| Median income(\$)                 | 14,620               | 20,720  | 22,500  | 20,450 | 19,860         | 19,810  |
| Mean income(\$)                   | 15,110               | 21,940  | 23,970  | 22,810 | 21,860         | 21,450  |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero. (b) At time of interview.



**TABLE 11. FULL-YEAR, FULL-TIME WORKERS(a): MEAN GROSS ANNUAL EARNED INCOME  
BY EDUCATIONAL ATTAINMENT BY AGE BY SEX, 1985-86**

| <i>Educational attainment</i>       | <i>Males</i> | <i>Females</i> | <i>Persons</i> | <i>Males</i>                           | <i>Females</i> | <i>Persons</i> |
|-------------------------------------|--------------|----------------|----------------|--|----------------|----------------|
| <b>15-24 YEARS(b)</b>               |              |                |                |  |                |                |
|                                     | —'000—       |                |                | —Mean gross annual earned income (\$)— |                |                |
| With post-school qualifications—    |              |                |                |  |                |                |
| Degree                              | 17.8         | 14.1           | 31.8           | 20,710                                 | 17,280         | 19,190         |
| Certificate (non-trade)/diploma     | 32.8         | 92.9           | 125.8          | 15,650                                 | 14,490         | 14,790         |
| Trade certificate                   | 133.3        | 9.1            | 142.4          | 18,380                                 | 14,320         | 18,120         |
| Other                               | *8.2         | 8.7            | 16.8           | *13,780                                | 14,210         | 14,000         |
| Total                               | 192.1        | 124.8          | 316.9          | 17,940                                 | 14,770         | 16,690         |
| Without post-school qualifications— |              |                |                |  |                |                |
| Left school at age—                 |              |                |                |  |                |                |
| 18 or over                          | 42.5         | 28.3           | 70.9           | 17,220                                 | 15,200         | 16,410         |
| 17                                  | 80.2         | 62.8           | 143.0          | 15,560                                 | 14,300         | 15,010         |
| 16                                  | 99.5         | 51.5           | 151.0          | 13,230                                 | 12,920         | 13,120         |
| 15 or 14                            | 87.0         | 45.8           | 132.8          | 13,740                                 | 11,670         | 13,030         |
| 13 or under                         | *            | *              | *              | *                                      | *              | *              |
| Total                               | 310.8        | 188.8          | 499.6          | 14,540                                 | 13,410         | 14,120         |
| Total(c)                            | 502.9        | 313.6          | 816.4          | 15,840                                 | 13,950         | 15,110         |
| <b>25-34 YEARS(b)</b>               |              |                |                |  |                |                |
|                                     | —'000—       |                |                | —Mean gross annual earned income (\$)— |                |                |
| With post-school qualifications—    |              |                |                |  |                |                |
| Degree                              | 146.4        | 67.5           | 213.9          | 28,790                                 | 24,860         | 27,550         |
| Certificate (non-trade)/diploma     | 110.8        | 123.7          | 234.6          | 23,820                                 | 20,160         | 21,890         |
| Trade certificate                   | 289.6        | 12.5           | 302.0          | 23,010                                 | 14,950         | 22,670         |
| Other                               | 25.0         | 12.3           | 37.3           | 23,220                                 | 18,670         | 21,720         |
| Total                               | 571.8        | 216.0          | 787.8          | 24,650                                 | 21,240         | 23,720         |
| Without post-school qualifications— |              |                |                |  |                |                |
| Left school at age—                 |              |                |                |  |                |                |
| 18 or over                          | 83.3         | 19.1           | 102.3          | 20,980                                 | 17,350         | 20,300         |
| 17                                  | 103.7        | 33.6           | 137.3          | 21,660                                 | 16,380         | 20,370         |
| 16                                  | 107.7        | 48.2           | 155.9          | 20,190                                 | 16,830         | 19,150         |
| 15 or 14                            | 122.4        | 44.0           | 166.4          | 19,990                                 | 15,470         | 18,790         |
| 13 or under                         | 11.5         | *              | 13.5           | 17,910                                 | *              | 17,660         |
| Total                               | 428.7        | 146.8          | 575.4          | 20,580                                 | 16,380         | 19,510         |
| Total(c)                            | 1,000.9      | 362.8          | 1,363.7        | 22,910                                 | 19,280         | 21,940         |
| <b>35-44 YEARS(b)</b>               |              |                |                |  |                |                |
|                                     | —'000—       |                |                | —Mean gross annual earned income (\$)— |                |                |
| With post-school qualifications—    |              |                |                |  |                |                |
| Degree                              | 125.1        | 41.4           | 166.5          | 35,180                                 | 26,040         | 32,900         |
| Certificate (non-trade)/diploma     | 148.7        | 79.1           | 227.9          | 30,620                                 | 20,460         | 27,100         |
| Trade certificate                   | 277.9        | 10.7           | 288.6          | 22,500                                 | 16,990         | 22,290         |
| Other                               | 17.5         | *7.4           | 24.9           | 24,390                                 | *18,710        | 22,710         |
| Total                               | 569.2        | 138.6          | 707.8          | 27,470                                 | 21,770         | 26,350         |
| Without post-school qualifications— |              |                |                |  |                |                |
| Left school at age—                 |              |                |                |  |                |                |
| 18 or over                          | 39.6         | *4.0           | 43.6           | 26,680                                 | *17,760        | 25,860         |
| 17                                  | 49.2         | 17.9           | 67.1           | 24,860                                 | 23,110         | 24,400         |
| 16                                  | 89.8         | 37.7           | 127.4          | 23,790                                 | 16,940         | 21,770         |
| 15 or 14                            | 185.8        | 89.0           | 274.8          | 21,200                                 | 15,530         | 19,360         |
| 13 or under                         | 29.3         | 17.3           | 46.6           | 21,450                                 | 14,530         | 18,880         |
| Total                               | 393.6        | 165.9          | 559.4          | 22,820                                 | 16,620         | 20,980         |
| Total(c)                            | 962.7        | 305.4          | 1,268.2        | 25,570                                 | 18,950         | 23,970         |



**TABLE 11. FULL-YEAR, FULL-TIME WORKERS(a): MEAN GROSS ANNUAL EARNED INCOME BY EDUCATIONAL ATTAINMENT BY AGE BY SEX, 1985-86—continued**

| Educational attainment              | Males   | Females | Persons | Males                                  | Females | Persons |
|-------------------------------------|---------|---------|---------|--|---------|---------|
| 45-54 YEARS(b)                      |         |         |         |  |         |         |
|                                     | —'000—  |         |         | —Mean gross annual earned income (\$)— |         |         |
| With post-school qualifications—    |         |         |         |  |         |         |
| Degree                              | 56.2    | 20.9    | 77.1    | 40,630                                 | 28,040  | 37,220  |
| Certificate (non-trade)/diploma     | 80.5    | 54.4    | 134.9   | 31,110                                 | 20,410  | 26,800  |
| Trade certificate                   | 177.6   | *8.5    | 186.1   | 22,490                                 | *22,100 | 22,470  |
| Other                               | 10.1    | *4.4    | 14.5    | 24,710                                 | *17,510 | 22,520  |
| Total                               | 324.4   | 88.1    | 412.5   | 27,840                                 | 22,240  | 26,650  |
| Without post-school qualifications— |         |         |         |  |         |         |
| Left school at age—                 |         |         |         |  |         |         |
| 18 or over                          | 11.3    | *       | 11.3    | 20,250                                 | *       | 20,250  |
| 17                                  | 26.4    | *4.6    | 31.0    | 20,690                                 | *13,400 | 19,610  |
| 16                                  | 34.6    | 25.8    | 60.4    | 24,450                                 | 15,460  | 20,610  |
| 15 or 14                            | 165.8   | 73.3    | 239.0   | 20,670                                 | 15,180  | 18,990  |
| 13 or under                         | 46.9    | 12.1    | 58.9    | 17,400                                 | 11,890  | 16,270  |
| Total                               | 285.0   | 115.7   | 400.7   | 20,580                                 | 14,830  | 18,920  |
| Total(c)                            | 610.4   | 205.3   | 815.6   | 24,430                                 | 17,990  | 22,810  |
| 55 YEARS AND OVER(b)                |         |         |         |  |         |         |
|                                     | —'000—  |         |         | —Mean gross annual earned income (\$)— |         |         |
| With post-school qualifications—    |         |         |         |  |         |         |
| Degree                              | 25.4    | *7.8    | 33.3    | 36,020                                 | *27,370 | 33,990  |
| Certificate (non-trade)/diploma     | 44.5    | 26.1    | 70.6    | 29,190                                 | 21,890  | 26,490  |
| Trade certificate                   | 107.8   | *       | 109.3   | 22,310                                 | *       | 22,230  |
| Other                               | *4.4    | *       | *4.9    | *14,320                                | *       | *14,350 |
| Total                               | 182.2   | 35.9    | 218.1   | 25,710                                 | 22,770  | 25,230  |
| Without post-school qualifications— |         |         |         |  |         |         |
| Left school at age—                 |         |         |         |  |         |         |
| 18 or over                          | 8.6     | *3.6    | 12.2    | 27,960                                 | *21,950 | 26,180  |
| 17                                  | 12.8    | *6.9    | 19.7    | 19,040                                 | *15,580 | 17,820  |
| 16                                  | 25.7    | 10.7    | 36.4    | 29,200                                 | 18,120  | 25,950  |
| 15 or 14                            | 113.0   | 23.6    | 136.5   | 17,540                                 | 14,380  | 17,000  |
| 13 or under                         | 51.8    | *3.6    | 55.4    | 19,040                                 | *10,240 | 18,460  |
| Total                               | 211.8   | 48.4    | 260.2   | 19,840                                 | 15,630  | 19,050  |
| Total(c)                            | 394.5   | 84.3    | 478.9   | 22,540                                 | 18,670  | 21,860  |
| ALL PERSONS                         |         |         |         |  |         |         |
|                                     | —'000—  |         |         | —Mean gross annual earned income (\$)— |         |         |
| With post-school qualifications—    |         |         |         |  |         |         |
| Degree                              | 371.0   | 151.7   | 522.6   | 32,850                                 | 25,040  | 30,580  |
| Certificate (non-trade)/diploma     | 417.5   | 376.2   | 793.7   | 27,580                                 | 18,980  | 23,500  |
| Trade certificate                   | 986.1   | 42.4    | 1,028.4 | 22,070                                 | 16,830  | 21,850  |
| Other                               | 65.2    | 33.2    | 98.3    | 21,970                                 | 17,310  | 20,400  |
| Total                               | 1,839.7 | 603.4   | 2,443.1 | 25,490                                 | 20,260  | 24,200  |
| Without post-school qualifications— |         |         |         |  |         |         |
| Left school at age—                 |         |         |         |  |         |         |
| 18 or over                          | 185.3   | 55.0    | 240.3   | 21,610                                 | 16,580  | 20,460  |
| 17                                  | 272.3   | 125.8   | 398.1   | 20,220                                 | 16,150  | 18,940  |
| 16                                  | 357.2   | 173.9   | 531.1   | 20,220                                 | 15,570  | 18,700  |
| 15 or 14                            | 674.0   | 275.5   | 949.5   | 19,270                                 | 14,690  | 17,940  |
| 13 or under                         | 140.9   | 35.3    | 176.3   | 18,890                                 | 13,260  | 17,760  |
| Total                               | 1,629.8 | 665.5   | 2,295.3 | 19,870                                 | 15,270  | 18,540  |
| Total(c)                            | 3,471.5 | 1,271.3 | 4,742.8 | 22,850                                 | 17,640  | 21,450  |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero. (b) At time of interview. (c) May include a small number of persons who never attended school.



TABLE 12. FULL-YEAR, FULL-TIME WORKERS(a): MEAN GROSS ANNUAL EARNED INCOME BY OCCUPATION, 1985-86

| Occupation major and minor group(b)                    | Males          | Females        | Persons        | Males                                  | Females       | Persons       |
|--|----------------|----------------|----------------|--|---------------|---------------|
|  | —'000—         |                |                | —Mean gross annual earned income (\$)— |               |               |
| <i>Managers and administrators</i>                     | 526.4          | 94.5           | 621.0          | 25,430                                 | 18,790        | 24,420        |
| Legislators and government appointed officials         | *              | *              | *              | *                                      | *             | *             |
| General managers                                       | 51.8           | *              | 54.3           | 39,920                                 | *             | 39,390        |
| Specialist managers                                    | 158.0          | 25.1           | 183.1          | 35,180                                 | 27,900        | 34,190        |
| Farmers and farm managers                              | 140.3          | 31.5           | 171.8          | 11,280                                 | 10,680        | 11,170        |
| Managing supervisors (sales and service)               | 112.1          | 32.0           | 144.1          | 22,350                                 | 18,960        | 21,600        |
| Managing supervisors (other business)                  | 63.1           | *3.5           | 66.7           | 25,510                                 | *18,460       | 25,140        |
| <i>Professionals</i>                                   | 422.0          | 183.7          | 605.8          | 31,190                                 | 25,020        | 29,320        |
| Natural scientists                                     | 28.9           | *6.8           | 35.6           | 29,530                                 | *23,740       | 28,430        |
| Building professionals and engineers                   | 81.1           | *              | 81.1           | 35,430                                 | *             | 35,430        |
| Health diagnosis and treatment practitioners           | 35.6           | 12.5           | 48.0           | 38,160                                 | 33,100        | 36,850        |
| School teachers  | 84.5           | 106.4          | 190.9          | 27,110                                 | 24,830        | 25,840        |
| Other teachers and instructors                         | 27.9           | 11.7           | 39.6           | 34,370                                 | 28,080        | 32,510        |
| Social professionals                                   | 36.1           | *5.2           | 41.3           | 29,460                                 | *25,660       | 28,980        |
| Business professionals                                 | 94.8           | 22.5           | 117.3          | 31,000                                 | 22,450        | 29,360        |
| Artists and related professionals                      | 19.8           | *7.5           | 27.2           | 21,460                                 | *20,620       | 21,230        |
| Miscellaneous professionals                            | 13.5           | 11.3           | 24.8           | 29,900                                 | 23,310        | 26,900        |
| <i>Para-professionals</i>                              | 218.5          | 92.5           | 311.0          | 27,220                                 | 19,530        | 24,930        |
| Medical and science technical officers and technicians | 15.6           | *6.7           | 22.3           | 22,940                                 | *19,030       | 21,770        |
| Engineering and building associates and technicians    | 74.4           | *3.8           | 78.2           | 27,570                                 | *17,310       | 27,070        |
| Air and sea transport technical workers                | 14.1           | *              | 14.1           | 43,460                                 | *             | 43,460        |
| Registered nurses                                      | *5.5           | 61.1           | 66.6           | *22,230                                | 20,080        | 20,260        |
| Police   | 31.2           | *              | 33.1           | 26,930                                 | *             | 26,700        |
| Miscellaneous para-professionals                       | 77.7           | 19.0           | 96.7           | 25,270                                 | 18,020        | 23,840        |
| <i>Tradespersons</i>                                   | 885.5          | 46.9           | 932.5          | 19,510                                 | 14,130        | 19,240        |
| Metal fitting and machining tradespersons              | 109.2          | *              | 111.4          | 22,110                                 | *             | 21,850        |
| Other metal tradespersons                              | 102.5          | *              | 103.7          | 19,900                                 | *             | 19,860        |
| Electrical and electronics tradespersons               | 153.1          | *              | 153.5          | 22,330                                 | *             | 22,310        |
| Building tradespersons                                 | 197.1          | *              | 197.1          | 17,490                                 | *             | 17,490        |
| Printing tradespersons                                 | 34.4           | *6.1           | 40.6           | 23,440                                 | *19,810       | 22,890        |
| Vehicle tradespersons                                  | 126.7          | *              | 126.7          | 18,960                                 | *             | 18,960        |
| Food tradespersons                                     | 61.0           | 12.0           | 73.0           | 17,480                                 | 15,150        | 17,100        |
| Amenity horticultural tradespersons                    | 27.1           | *3.1           | 30.2           | 15,640                                 | *13,700       | 15,440        |
| Miscellaneous tradespersons                            | 74.5           | 21.8           | 96.3           | 16,860                                 | 12,390        | 15,840        |
| <i>Clerks</i>  | 269.7          | 483.9          | 753.5          | 22,890                                 | 16,940        | 19,070        |
| Stenographers and typists                              | *4.1           | 153.2          | 157.3          | *32,740                                | 16,710        | 17,130        |
| Data processing and business machine operators         | 12.3           | 34.9           | 47.2           | 24,120                                 | 16,940        | 18,820        |
| Numerical clerks                                       | 101.6          | 130.7          | 232.3          | 22,550                                 | 17,240        | 19,560        |
| Filing, sorting and copying clerks                     | 16.2           | 37.0           | 53.2           | 19,860                                 | 17,540        | 18,240        |
| Material recording and despatching clerks              | 58.0           | 20.2           | 78.2           | 23,210                                 | 18,070        | 21,880        |
| Receptionists, telephonists and messengers             | 17.2           | 62.4           | 79.6           | 20,750                                 | 15,650        | 16,750        |
| Miscellaneous clerks                                   | 60.2           | 45.5           | 105.7          | 23,660                                 | 17,650        | 21,070        |
| <i>Salespersons and personal service workers</i>       | 254.6          | 190.5          | 445.1          | 19,340                                 | 14,240        | 17,160        |
| Investment, insurance and real estate salespersons     | 41.0           | *6.1           | 47.1           | 21,290                                 | *21,660       | 21,340        |
| Sales representatives                                  | 63.6           | 11.5           | 75.0           | 22,110                                 | 17,490        | 21,400        |
| Sales assistants                                       | 86.1           | 89.6           | 175.7          | 17,960                                 | 13,350        | 15,610        |
| Tellers, cashiers and ticket salespersons              | 14.5           | 25.7           | 40.2           | 18,880                                 | 14,980        | 16,390        |
| Miscellaneous salespersons                             | 38.2           | 23.7           | 61.9           | 15,230                                 | 12,870        | 14,330        |
| Personal service workers                               | 11.3           | 33.9           | 45.2           | 21,730                                 | 14,540        | 16,340        |
| <i>Plant and machine operators, and drivers</i>        | 412.7          | 56.9           | 469.6          | 22,330                                 | 14,840        | 21,420        |
| Road and rail transport drivers                        | 174.0          | *3.9           | 177.9          | 20,350                                 | *20,570       | 20,360        |
| Mobile plant operators (except transport)              | 103.5          | *              | 103.5          | 23,060                                 | *             | 23,060        |
| Stationary plant operators                             | 62.1           | *              | 62.6           | 27,110                                 | *             | 27,160        |
| Machine operators                                      | 73.1           | 52.5           | 125.6          | 21,960                                 | 14,240        | 18,730        |
| <i>Labourers and related workers</i>                   | 456.5          | 121.9          | 578.4          | 18,840                                 | 14,860        | 18,000        |
| Trades assistants and factory hands                    | 109.3          | 47.0           | 156.3          | 19,960                                 | 15,000        | 18,470        |
| Agricultural labourers and related workers             | 56.7           | *4.1           | 60.8           | 14,650                                 | *13,920       | 14,600        |
| Cleaners   | 39.4           | 27.3           | 66.7           | 17,060                                 | 14,750        | 16,110        |
| Construction and mining labourers                      | 103.8          | *              | 103.8          | 20,290                                 | *             | 20,290        |
| Miscellaneous labourers and related workers            | 147.3          | 43.5           | 190.9          | 19,080                                 | 14,860        | 18,120        |
| <i>Defence</i>   | 25.5           | *              | 26.0           | 24,510                                 | *             | 24,520        |
| <b>Total</b>   | <b>3,471.5</b> | <b>1,271.3</b> | <b>4,742.8</b> | <b>22,850</b>                          | <b>17,640</b> | <b>21,450</b> |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero. (b) Classified according to the Australian Standard Classification of Occupations, ASCO 1986.



TABLE 13. FULL-YEAR, FULL-TIME WORKERS(a): MEAN GROSS ANNUAL EARNED INCOME BY BIRTHPLACE, 1985-86

| Birthplace                             | Period of residence (years) |               |               |                | Total          |
|--|-----------------------------|---------------|---------------|----------------|----------------|
|  | 0-4                         | 5-9           | 10-14         | 15 and over    |                |
|  | —'000—                      |               |               |                |                |
| Australia                              | ..                          | ..            | ..            | 3,541.8        | 3,541.8        |
| Overseas                               | 84.7                        | 121.4         | 148.0         | 846.9          | 1,201.0        |
| <b>Total</b>                           | <b>84.7</b>                 | <b>121.4</b>  | <b>148.0</b>  | <b>4,388.7</b> | <b>4,742.8</b> |
| Overseas                               |                             |               |               |                |                |
| English speaking countries             | 43.9                        | 60.5          | 70.4          | 372.4          | 547.2          |
| Non-English speaking countries         | 40.8                        | 60.9          | 77.7          | 474.5          | 653.8          |
| Africa                                 | *3.8                        | *6.2          | *5.3          | 19.1           | 34.4           |
| America                                | *4.4                        | *3.8          | *7.5          | 12.4           | 28.1           |
| Asia                                   | 20.8                        | 38.3          | 37.3          | 62.5           | 158.8          |
| Europe                                 | 42.1                        | 45.7          | 84.6          | 725.2          | 897.6          |
| Oceania                                | 13.7                        | 27.4          | 13.3          | 27.6           | 82.0           |
| Selected countries:                    |                             |               |               |                |                |
| Greece                                 | *                           | *             | *4.3          | 50.6           | 56.3           |
| India                                  | *                           | *             | *7.5          | 15.4           | 25.3           |
| Italy                                  | *                           | *3.9          | *5.5          | 119.2          | 128.6          |
| Malta                                  | *                           | *             | *5.6          | 17.0           | 22.6           |
| New Zealand                            | 12.7                        | 23.7          | 11.7          | 23.6           | 71.7           |
| Poland                                 | *                           | *3.8          | *             | 17.2           | 21.9           |
| South Africa                           | *3.8                        | *5.1          | *             | *3.5           | 14.0           |
| UK and Ireland                         | 24.9                        | 30.5          | 54.2          | 337.0          | 446.6          |
| Vietnam                                | *4.8                        | 13.7          | *             | *              | 19.4           |
| West Germany                           | *4.3                        | *             | *             | 44.6           | 50.7           |
| Yugoslavia                             | *                           | *3.5          | *7.3          | 55.9           | 66.8           |
| —Mean gross annual earned income (\$)— |                             |               |               |                |                |
| Australia                              | ..                          | ..            | ..            | 21,410         | 21,410         |
| Overseas                               | 21,660                      | 19,910        | 20,010        | 22,080         | 21,580         |
| <b>Total</b>                           | <b>21,660</b>               | <b>19,910</b> | <b>20,010</b> | <b>21,540</b>  | <b>21,450</b>  |
| Overseas                               |                             |               |               |                |                |
| English speaking countries             | 20,960                      | 21,980        | 20,820        | 23,260         | 22,620         |
| Non-English speaking countries         | 22,420                      | 17,850        | 19,280        | 21,160         | 20,700         |
| Africa                                 | *21,520                     | *17,370       | *20,600       | 24,790         | 22,450         |
| America                                | *15,650                     | *15,540       | *17,080       | 27,340         | 21,180         |
| Asia                                   | 26,030                      | 17,290        | 20,960        | 21,790         | 21,060         |
| Europe                                 | 20,970                      | 21,830        | 19,780        | 21,540         | 21,370         |
| Oceania                                | 19,100                      | 21,550        | 20,270        | 32,630         | 24,660         |
| Selected countries:                    |                             |               |               |                |                |
| Greece                                 | *                           | *             | *15,140       | 17,550         | 17,100         |
| India                                  | *                           | *             | *25,500       | 27,070         | 25,590         |
| Italy                                  | *                           | *22,290       | *16,670       | 18,170         | 18,230         |
| Malta                                  | *                           | *             | *15,770       | 21,740         | 20,260         |
| New Zealand                            | 19,310                      | 21,620        | 20,140        | 32,300         | 24,480         |
| Poland                                 | *                           | *20,540       | *             | 21,090         | 20,790         |
| South Africa                           | *21,520                     | *19,330       | *             | *26,610        | 22,890         |
| UK and Ireland                         | 22,110                      | 22,830        | 21,140        | 22,490         | 22,330         |
| Vietnam                                | *18,550                     | 19,330        | *             | *              | 19,910         |
| West Germany                           | *19,360                     | *             | *             | 28,130         | 27,310         |
| Yugoslavia                             | *                           | *19,390       | *17,060       | 21,030         | 20,510         |

(a) Excludes 119,200 full-year, full-time workers whose earned income was zero.



TABLE 14. FULL-YEAR, PART-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME, 1985-86

| Gross annual<br>earned income(\$) | Males        | Females      | Persons      | Mean annual<br>earned income (\$) |
|-----------------------------------|--------------|--------------|--------------|-----------------------------------|
| —'000—                            |              |              |              |                                   |
| 1- 1,999                          | 12.1         | 52.2         | 64.3         | 35,130                            |
| 2,000- 3,999                      | 15.1         | 50.9         | 66.0         | 11,200                            |
| 4,000- 5,999                      | 20.8         | 81.3         | 102.0        | 22,390                            |
| 6,000- 6,999                      | 9.9          | 46.4         | 56.3         | 23,510                            |
| 7,000- 7,999                      | 10.3         | 50.9         | 61.2         | 11,180                            |
| 8,000- 9,999                      | *8.5         | 80.5         | 89.0         | 29,510                            |
| 10,000-11,999                     | 11.4         | 72.4         | 83.8         | 25,430                            |
| 12,000-13,999                     | 8.8          | 52.0         | 60.8         | 27,110                            |
| 14,000-15,999                     | *7.7         | 48.2         | 55.9         | 30,210                            |
| 16,000-17,999                     | *3.9         | 20.8         | 24.7         | 29,460                            |
| 18,000-19,999                     | *3.2         | 14.2         | 17.5         | 31,000                            |
| 20,000-29,999                     | 14.4         | 26.4         | 40.8         | 21,400                            |
| 30,000 and over                   | *6.7         | 11.0         | 17.7         | 29,900                            |
| <b>Total</b>                      | <b>132.9</b> | <b>607.2</b> | <b>740.1</b> | <b>22,940</b>                     |
| —Dollars—                         |              |              |              |                                   |
| Median income(\$)                 | 7,770        | 8,400        | 8,300        | 25,270                            |
| Mean income(\$)                   | 11,780       | 9,710        | 10,080       | 28,510                            |

(a) Excludes 60,100 full-year, part-time workers whose earned income was zero.



**TABLE 15. PART-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME BY DURATION OF EMPLOYMENT, 1985-86**

| Gross annual<br>earned income(\$) | Males  | Females   | Persons |
|-----------------------------------|--------|-----------|---------|
| EMPLOYED FOR 1-14 WEEKS           |        |           |         |
|                                   |        | —'000—    |         |
| 1- 999                            | 12.3   | 14.5      | 26.7    |
| 1,000- 1,999                      | 16.5   | 19.6      | 36.1    |
| 2,000- 2,999                      | 23.8   | 23.4      | 47.1    |
| 3,000- 3,999                      | 15.0   | *8.2      | 23.2    |
| 4,000- 5,999                      | *8.4   | *6.7      | 15.0    |
| 6,000- 7,999                      | *4.8   | *5.2      | *7.4    |
| 8,000 and over                    | *4.4   |           | *7.1    |
| Total                             | 85.2   | 77.5      | 162.7   |
|                                   |        | —Dollars— |         |
| Median income(\$)                 | 2,500  | 2,080     | 2,360   |
| Mean income(\$)                   | 2,950  | 2,760     | 2,860   |
| EMPLOYED FOR 15-29 WEEKS          |        |           |         |
|                                   |        | —'000—    |         |
| 1- 1,999                          | *4.8   | *3.7      | 8.6     |
| 2,000- 2,999                      | 8.9    | *5.2      | 14.1    |
| 3,000- 3,999                      | 13.0   | *6.0      | 19.0    |
| 4,000- 4,999                      | 13.9   | 13.9      | 27.8    |
| 5,000- 5,999                      | 16.2   | 15.1      | 31.3    |
| 6,000- 6,999                      | 20.7   | 15.0      | 35.7    |
| 7,000- 7,999                      | 16.0   | 15.9      | 31.9    |
| 8,000- 9,999                      | 14.0   | 15.1      | 29.1    |
| 10,000-11,999                     | 15.7   | 11.1      | 26.8    |
| 12,000-13,999                     | 9.3    | *4.7      | 10.6    |
| 14,000 and over                   | 16.3   |           | 19.7    |
| Total                             | 149.0  | 105.7     | 254.7   |
|                                   |        | —Dollars— |         |
| Median income(\$)                 | 6,790  | 6,440     | 6,700   |
| Mean income(\$)                   | 8,090  | 6,870     | 7,580   |
| EMPLOYED FOR 30-39 WEEKS          |        |           |         |
|                                   |        | —'000—    |         |
| 1- 3,999                          | *4.0   | *6.9      | 10.9    |
| 4,000- 5,999                      | *7.8   | *6.4      | 14.3    |
| 6,000- 7,999                      | 12.7   | 14.0      | 26.7    |
| 8,000- 9,999                      | 18.9   | 10.0      | 28.9    |
| 10,000-11,999                     | 22.4   | 10.8      | 33.2    |
| 12,000-13,999                     | 15.5   | 8.9       | 24.4    |
| 14,000-15,999                     | 11.5   | *7.9      | 19.3    |
| 16,000-17,999                     | 9.6    | *6.1      | 12.1    |
| 18,000-19,999                     | *7.3   |           | 11.0    |
| 20,000 and over                   | 13.2   | *3.3      | 16.5    |
| Total                             | 122.9  | 74.3      | 197.2   |
|                                   |        | —Dollars— |         |
| Median income(\$)                 | 11,110 | 9,950     | 10,720  |
| Mean income(\$)                   | 12,660 | 10,380    | 11,800  |

(a) Excludes 12,700 part-year, full-time workers whose earned income was zero.



**TABLE 15. PART-YEAR, FULL-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME  
BY DURATION OF EMPLOYMENT, 1985-86—continued**

| Gross annual<br>earned income(\$) | Males        | Females      | Persons      |
|-----------------------------------|--------------|--------------|--------------|
| EMPLOYED 40-49 WEEKS              |              |              |              |
|                                   |              | —'000—       |              |
| 1- 5,999                          | 9.9          | 13.6         | 23.5         |
| 6,000- 7,999                      | *6.2         | 15.3         | 21.6         |
| 8,000- 9,999                      | 15.5         | 13.4         | 28.9         |
| 10,000-11,999                     | 18.0         | 14.2         | 32.2         |
| 12,000-13,999                     | 21.9         | 23.8         | 45.7         |
| 14,000-15,999                     | 27.0         | 20.7         | 47.7         |
| 16,000-17,999                     | 17.8         | 10.7         | 28.6         |
| 18,000-19,999                     | 26.1         | 10.7         | 36.8         |
| 20,000-24,999                     | 27.2         | *7.2         | 34.4         |
| 25,000-29,999                     | 13.7         | *8.4         | 20.3         |
| 30,000 and over                   | 14.0         |              | 15.8         |
| <b>Total</b>                      | <b>197.5</b> | <b>138.0</b> | <b>335.4</b> |
|                                   |              | —Dollars—    |              |
| Median income(\$)                 | 15,990       | 12,700       | 14,670       |
| Mean income(\$)                   | 17,360       | 13,170       | 15,630       |
| ALL PART-YEAR, FULL-TIME WORKERS  |              |              |              |
|                                   |              | —'000—       |              |
| 1- 499                            | *7.0         | *6.8         | 13.8         |
| 500- 999                          | 9.8          | 13.0         | 22.8         |
| 1,000- 1,499                      | 10.8         | *7.8         | 18.7         |
| 1,500- 1,999                      | 10.5         | 14.8         | 25.3         |
| 2,000- 2,499                      | 18.9         | 20.1         | 39.0         |
| 2,500- 2,999                      | 15.9         | 13.1         | 29.0         |
| 3,000- 3,499                      | 17.2         | *7.4         | 24.6         |
| 3,500- 3,999                      | 14.0         | 9.3          | 23.3         |
| 4,000- 4,499                      | 15.5         | 14.5         | 30.0         |
| 4,500- 4,999                      | 10.6         | 9.9          | 20.5         |
| 5,000- 5,499                      | 11.2         | 11.4         | 22.6         |
| 5,500- 5,999                      | 13.2         | 15.0         | 28.2         |
| 6,000- 6,499                      | 19.1         | 17.8         | 36.8         |
| 6,500- 6,999                      | 14.3         | 11.7         | 26.0         |
| 7,000- 7,999                      | 27.1         | 33.3         | 60.5         |
| 8,000- 8,999                      | 26.2         | 21.1         | 47.3         |
| 9,000- 9,999                      | 26.4         | 19.2         | 45.6         |
| 10,000-10,999                     | 34.3         | 20.7         | 55.0         |
| 11,000-11,999                     | 21.8         | 15.4         | 37.2         |
| 12,000-12,999                     | 22.4         | 22.6         | 44.9         |
| 13,000-13,999                     | 24.6         | 11.4         | 36.0         |
| 14,000-15,999                     | 43.5         | 30.1         | 73.6         |
| 16,000-17,999                     | 29.1         | 14.1         | 43.2         |
| 18,000-19,999                     | 37.1         | 14.8         | 51.9         |
| 20,000-24,999                     | 38.4         | 9.7          | 48.0         |
| 25,000-29,999                     | 18.0         | 10.6         | 26.8         |
| 30,000 and over                   | 17.8         |              | 19.6         |
| <b>Total</b>                      | <b>554.6</b> | <b>395.5</b> | <b>950.0</b> |
|                                   |              | —Dollars—    |              |
| Median income(\$)                 | 10,100       | 7,640        | 8,990        |
| Mean income(\$)                   | 11,610       | 8,920        | 10,490       |

(a) Excludes 15,700 part-year, full-time workers whose earned income was zero.



**TABLE 16. PART-YEAR, PART-TIME WORKERS(a): GROSS ANNUAL EARNED INCOME BY DURATION OF EMPLOYMENT, 1985-86**

| Gross annual<br>earned income(\$)       | Males        | Females      | Persons      |
|---|--------------|--------------|--------------|
| <b>EMPLOYED FOR 1-29 WEEKS</b>          |              |              |              |
|   | —'000—       |              |              |
| 1- 999                                  | 22.1         | 82.7         | 104.8        |
| 1,000- 1,999                            | 12.6         | 44.3         | 56.9         |
| 2,000- 3,999                            | *8.1         | 51.0         | 59.1         |
| 4,000- 5,999                            | *7.5         | 22.6         | 30.1         |
| 6,000 and over                          | *8.1         | 15.5         | 23.6         |
| <b>Total</b>                            | <b>58.3</b>  | <b>216.2</b> | <b>274.5</b> |
|   | —Dollars—    |              |              |
| Median income(\$)                       | 1,500        | 1,500        | 1,500        |
| Mean income(\$)                         | 2,760        | 2,210        | 2,320        |
| <b>EMPLOYED FOR 30-49 WEEKS</b>         |              |              |              |
| 1- 999                                  | *5.1         | 10.7         | 15.7         |
| 1,000- 1,999                            | *7.3         | 23.2         | 30.5         |
| 2,000- 3,999                            | 10.3         | 42.8         | 53.2         |
| 4,000- 5,999                            | 10.3         | 46.1         | 56.4         |
| 6,000- 7,999                            | *8.2         | 40.8         | 48.9         |
| 8,000- 9,999                            | *5.8         | 33.1         | 38.9         |
| 10,000-11,999                           | *7.0         | 18.7         | 23.1         |
| 12,000-13,999                           |              | 9.5          | 12.0         |
| 14,000 and over                         | 9.9          | 18.2         | 28.1         |
| <b>Total</b>                            | <b>63.9</b>  | <b>243.0</b> | <b>306.9</b> |
|   | —Dollars—    |              |              |
| Median income(\$)                       | 5,860        | 5,970        | 5,900        |
| Mean income(\$)                         | 7,190        | 6,620        | 6,740        |
| <b>ALL PART-YEAR, PART-TIME WORKERS</b> |              |              |              |
|   | —'000—       |              |              |
| 1- 499                                  | 15.9         | 49.2         | 65.1         |
| 500- 999                                | 11.3         | 44.2         | 55.4         |
| 1,000- 1,499                            | 8.8          | 36.6         | 45.4         |
| 1,500- 1,999                            | 11.0         | 31.0         | 42.0         |
| 2,000- 2,999                            | 11.1         | 45.9         | 57.0         |
| 3,000- 3,999                            | *7.3         | 47.9         | 55.3         |
| 4,000- 4,999                            | *8.4         | 37.8         | 46.3         |
| 5,000- 5,999                            | 9.4          | 30.9         | 40.3         |
| 6,000- 7,999                            | 10.5         | 51.2         | 61.7         |
| 8,000- 9,999                            | *8.0         | 34.0         | 41.9         |
| 10,000-11,999                           | *7.4         | 21.3         | 28.8         |
| 12,000-13,999                           | *3.1         | 10.4         | 13.5         |
| 14,000 and over                         | 9.9          | 18.8         | 28.7         |
| <b>Total</b>                            | <b>122.2</b> | <b>459.2</b> | <b>581.4</b> |
|   | —Dollars—    |              |              |
| Median income(\$)                       | 3,380        | 3,500        | 3,500        |
| Mean income(\$)                         | 5,080        | 4,540        | 4,660        |

(a) Excludes 9,900 part-year, part-time workers whose earned income was zero.



## APPENDIX 1

## EXPLANATORY NOTES

This publication presents data on persons with earned income. It replaces the publication previously advertised as containing results from the 1986 Income Distribution Survey — viz. *Income and Housing Survey — Income of Individuals, Australia*, (6502.0).

## Scope

## Geographical areas

2. The survey covered both rural and urban areas in all States and Territories.

## Dwellings

3. The survey covered both private and special dwellings. Private dwellings are houses, flats, home units, garages, tents and any other structures used as private places of residence at the time of the survey. Special dwellings are hotels, boarding houses, construction camps, caravan parks, etc.

## Persons

4. The survey included all persons aged 15 or over except:

- (a) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (b) overseas residents in Australia;
- (c) members of non-Australian defence forces (and their dependants) stationed in Australia;
- (d) persons who migrated to Australia after 30 June 1986; and
- (e) students in boarding schools and residents of institutions such as hospitals and sanatoria, and inmates of gaols, reformatories, etc.

## Survey design

5. The survey was based on a multi-stage area sample of private dwellings and non-private dwellings, and covered about one-sixth of one per cent of the population of Australia. The following table shows the number of responding households across States and Territories.

1986 INCOME DISTRIBUTION SURVEY:  
NUMBER OF RESPONDING HOUSEHOLDS

| State or Territory           | Metro-politan | Other urban  | Rural      | Total        |
|------------------------------|---------------|--------------|------------|--------------|
| New South Wales              | 1,313         | 587          | 159        | 2,059        |
| Victoria                     | 1,221         | 326          | 116        | 1,663        |
| Queensland                   | 659           | 552          | 190        | 1,401        |
| South Australia              | 842           | 193          | 107        | 1,142        |
| Western Australia            | 842           | 194          | 79         | 1,115        |
| Tasmania                     | 222           | 242          | 99         | 563          |
| Northern Territory           | 0             | 68           | 4          | 72           |
| Australian Capital Territory | 0             | 134          | 40         | 174          |
| <b>Australia</b>             | <b>5,099</b>  | <b>2,296</b> | <b>794</b> | <b>8,189</b> |

## Data collection method

6. The survey was conducted throughout Australia in the period September to December 1986. The information was obtained by trained interviewers in a personal interview conducted with each resident aged 15 or over in the selected dwelling.

7. Respondents were asked to refer to personal records such as taxation assessment or return forms, group certificates, pay slips, etc. to enhance the accuracy of the data.

8. Persons with income from their own business who did not know their annual income were asked if the interviewers could call back when their records were available. Call-backs were made in February to March 1987.

## Reliability of the estimates

9. The estimates provided in this publication are subject to two types of error.

## Sampling error

10. This is the difference which would be expected between the estimate and the corresponding figure that would have been obtained from a collection based on the whole population, using the same questionnaires and procedures. A measure of the sampling error for a given estimate is provided by the standard error expressed as a percentage of the estimate (relative standard error). In this publication, estimates with a relative standard error between 30 and 50 per cent are preceded by an \*. Estimates with a relative standard error greater than 50 per cent are suppressed and replaced by an \*. Appendix 3 contains a discussion of sampling error as well as giving details for calculating the relative standard error for selected estimates in this publication.

## Non-sampling error

11. These errors can occur whether the estimates are derived from a sample or from a complete enumeration, and are usually referred to as non-sampling errors. Three major sources of non-sampling error are:

- (a) inability to obtain comprehensive data from all persons included in the sample. These errors arise because of differences which exist between the characteristics of respondents and non-respondents;
- (b) errors in reporting on the part of both respondents and interviewers. These reporting errors may arise through inappropriate wording of questions, misunderstanding of what data are required, inability or unwillingness to provide accurate information and mistakes in answers to questions; and
- (c) errors arising during processing of the survey data. These processing errors may arise through mistakes in coding and data recording.



12. Non-sampling errors are difficult to measure in any collection. However, every effort was made to minimise these errors. In particular, the effect of the reporting and processing errors described above was minimised by careful questionnaire design, intensive training and supervision of interviewers, asking respondents to refer to records whenever possible and extensive editing and quality control checking at all stages of data processing.

### Interpretation of results

13. As the estimates are based on a sample, they are subject to sampling variability. In addition, estimates are subject to reporting errors. Although some respondents referred to their records, in many cases the answers to the questions on income were based on memory. Some understatement in the estimates may be expected because of imperfect recall or misunderstanding, particularly of minor sources of income.

14. For a number of reasons income received by a person does not necessarily reflect his or her living standard. Gifts and donations — for example those made by relatives or charities — were not counted as income even though in many cases they may have been an important means of support. Some people may have chosen to live off savings. Others have received benefits not involving direct cash payments, e.g. employment benefits of various kinds.

15. For certain persons, *annual* income as measured in this survey may not reflect actual circumstances over the period. Such persons are of two types:

- (a) persons not in a position to receive income as defined for the full period (e.g. migrants who arrived part way through the period); and
- (b) persons who may have been dependants at some time during the period but were not at time of interview. In this case, attributes measured at time of interview (e.g. marital status, school attendance) are not appropriate variables by which to classify annual income.

16. Consequently, the following persons have been excluded from tables on *annual* income of individuals:

- (a) females who changed marital status after 30 June 1985 (262,000 females);
- (b) persons aged 15-20 years who attended school full time for part of the 1985-86 financial year (250,400 persons);

(c) persons aged 15-20 years who were attending school full time at the time of interview (622,100 persons);

(d) persons who migrated to Australia during 1985-86 (70,300 persons);

(e) persons who migrated to Australia after 30 June 1986 (39,800 persons);

(f) Australians who were overseas for more than 12 weeks during 1985-86 but not for the full year and worked during that time for a non-Australian business (27,900 persons); and

(g) Australians who were overseas for the full twelve months during 1985-86 (16,500 persons).

### Symbols and other usages

17. The following *symbols*, where shown in columns of figures or elsewhere in tables mean:

- .. not applicable
- n.a. not available
- \* estimates preceded by an \* indicate a standard error for that estimate of between 30 and 50 per cent. Estimates replaced by an \* indicate a standard error for that estimate of more than 50 per cent.

18. Where figures have been rounded, discrepancies may occur between sums of the component items and totals. Published percentages in tables are calculated prior to rounding of the figures and therefore some discrepancy may exist between these percentages and those that could be calculated from the rounded figures.

### Electronic services

VIATEL. Key \*656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.



## APPENDIX 2

## GLOSSARY

**Deciles.** Ten per cent groupings of the estimated population when income recipients or income units are ranked in ascending order according to each income recipient's or income unit's total gross income.

**Earned income.** Gross income from wages or salary, and from own business, trade or profession paid to persons who worked for one hour or more in 1985-86.

**Employed person.** Person aged 15 years or more, who in his or her main job:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for fifteen hours or more without pay in a family business or on a farm; or
- (c) was an employee who had a job but was not at work and was: on paid leave; on leave without pay for less than four weeks prior to the placement date; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks prior to the placement date; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) was an employer or self-employed person who had a job, business or farm, but was not at work.

**Full-time workers.** Persons were classified as full-time workers on the basis of the kind of work in which they were mostly engaged during 1985-86, full-time work being defined as work occupying 35 hours or more per week.

**Full-year, full-time workers** are those who had worked in Australia for at least 50 weeks during the year 1985-86, and had been engaged mostly in full-time work. A person who had worked for 26 weeks full time and 24 weeks part time would have been classified as a full-year, full-time worker; however it should be noted that most persons who work for a full year engage in either full-time or part-time work, but not in both. Full-year, full-time workers whose earned income was zero are excluded (119,200 persons).

**Full-year, part-time workers** are those who had worked in Australia for at least 50 weeks during the year 1985-86 and had been engaged mostly in part-time work. Full-year, part-time workers whose earned income was zero are excluded (60,100 persons).

**Gini coefficient.** This is one of the most widely used indices for measuring inequality of income. The index,

always between 0 and 1, is low for populations with relatively equal income distributions and high for populations with relatively unequal distributions.

**Government pensions and benefits** includes income received through programs of assistance to aged persons, incapacitated and handicapped persons, unemployed and sick persons, veterans and their dependants, widowed and single parents, families and children, and other social security and welfare programs. Family allowance payments are included.

**Gross annual income** is income from all sources during 1985-86 before tax or any other deductions are made. This includes income from wages or salary; own business, trade or profession (including share in partnership); government pensions and benefits; superannuation; interest, rent and dividends; other sources such as maintenance or alimony.

**Interest, rent, dividends, etc.** includes gross income from interest on savings, bonds, debentures, etc., dividends from stocks and shares, net income from rental of a house or other property and net royalties.

**Labour force.** Persons were classified as being in the labour force if they were employed or unemployed.

**Mean income** is the amount obtained by dividing the total income of a group (e.g. full-year, full-time workers in a given age group) by the number in that group.

**Median income** is that level of income which divides a group of income recipients or income units into two equal parts, one half having incomes above the median and the other having incomes below it.

**Other sources** refers to gross income from other than wages or salary, own business, government pensions and benefits, superannuation or interest, rent or dividends. It comprises gross income from items such as private educational scholarships; maintenance or alimony; a trust or will; and an annuity. Income paid at regular intervals and received by a beneficiary under a will, settlement, deed, gift or instrument or trust was included. However, a lump sum payment from any of these sources was not regarded as income.

**Own business, trade or profession (including income from a share in a partnership).** In these cases, income was defined to be net of business expenses. If income had not been received in 1985-86 or a loss had been made, income from these sources was recorded as nil.

**Part-time workers.** Persons were classified as part-time workers on the basis of the kind of work in which they were mostly engaged during 1985-86, part-time work being defined as work occupying less than 35 hours a week.



**Part-year, full-time workers** are those who had worked in Australia for less than 50 weeks during the year 1985-86 and had been engaged mostly in full-time work. A person who had worked for 25 weeks full time and for 24 weeks part time would have been classified as a part-year, full-time worker; however, it should be noted that most persons who work for less than a year engage in either full-time or part-time work but not in both. Part-year, full-time workers whose earned income was zero are excluded (15,700 persons).

**Part-year, part-time workers** are those who had worked in Australia for less than 50 weeks during the year 1985-86 and had been engaged mostly in part-time work. Part-year, part-time workers whose earned income was zero are excluded (9,900 persons).

**Principal source of earned income** is the source which contributed most (the greatest proportion) to total earned income.

**Private income** comprises income from wages or salary; own business, trade or profession; superannuation; interest, rent and dividends; and other sources.

**Superannuation** comprises gross income from regular payments made to a person or his survivors by a former employer, either directly or through a superannuation fund, insurance company, etc. Any lump sum payment received by a person on his retirement was excluded.

**Unemployed persons** are those aged fifteen years and over who were not employed during the survey week, and

- (i) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and;

- were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or

- were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then; or

- (ii) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of that week) for reasons other than bad weather or plant breakdown.

**Wages or salary** was defined as the gross income from all wage or salary jobs and limited liability companies before the deduction of tax. The value of items such as payments in kind, employer contributions to board or rent, gratuities and tips, etc. were not recorded as income.

10. In the second type, the denominator is a non-person estimate. For this case an appropriate formula must be used which generally overestimates the relative standard error. The formula for this is given below:

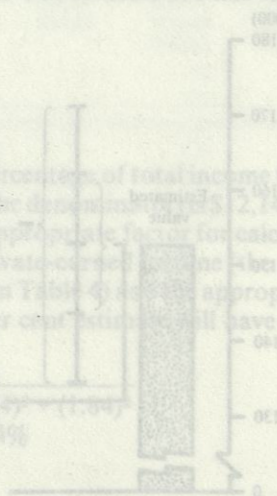
$$RSE\%(Y) = \sqrt{[RSE\%(X)]^2 + [RSE\%(Y)]^2}$$

For example:

From Table 1, the estimate of earned income as a percentage of total income for full-year, part-time workers is 83.0 per cent. The estimated total gross income for full-year, part-time workers is \$2,140, the number of persons contributing to this estimate is 740,100 (from Table 3). The estimated total private income for full-year, part-time workers is \$10,080, the number of persons contributing to this estimate is 740,100 (from Table 3). The appropriate factor for calculating the relative standard errors for means is 1.1. Hence the 83.0 per cent estimate will have a relative standard error per cent:

$$= \sqrt{[RSE\%(10,080)]^2 + [RSE\%(2,140)]^2}$$

giving a standard error of 2.6 percentage points.





### APPENDIX 3

#### TECHNICAL NOTE ON SAMPLING VARIABILITY

##### Estimation procedure

Estimates derived from the survey were obtained by using a complex ratio estimation procedure which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex rather than to the age and sex distribution within the sample itself.

##### Reliability of the estimates

2. Since the estimates in this publication are based on information obtained from occupants from a sample of dwellings they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that the sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate.

3. Space does not allow for the separate indication of the standard errors of the estimates in this publication. Standard errors of estimates of population numbers (i.e. persons or income units) can be obtained from Table A. Standard errors of non-population estimates (e.g. mean income) are obtained by using the appropriate factor from Table B in conjunction with Table A.

##### Standard errors of population estimates

4. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sampling estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

5. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. Only estimates with relative standard errors less than 30 per cent are considered sufficiently reliable for most purposes. However, estimates with relative standard errors between 30 per cent and 50 per cent are included in this publication preceded by the symbol \* as a caution to indicate that they are subject to high standard errors. Estimates with relative standard errors greater than 50 per cent are not included but are indicated with the symbol \*. Although values for these small components can sometimes be obtained by subtraction, they should not be regarded as reliable.

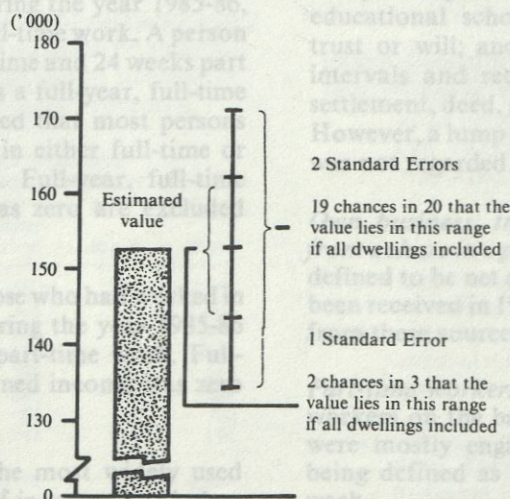
6. An example of the calculation and use of standard errors is as follows:

From Table 10 the estimated number of persons in the 35-44 year age group earning \$20,000-\$22,499 per year is 152,800. From Table A we see that since the estimate is between 100,000 and 200,000 the standard error is between 7,900 and 10,500. By interpolating we estimate the standard error to be 9,300 (to nearest 100). Therefore there are about two chances in three that the value would have fallen within the range 143,500 to 162,100 if all dwellings were included and about nineteen chances in twenty that the value would have fallen in the range 134,200 to 171,400. This example is illustrated in the following diagram.

Full-year, full-time workers are those who have worked in Australia for at least 50 weeks during the year 1985-86, and had been engaged mostly in full-time work. A person who had worked for 26 weeks full time and 24 weeks part time would have been classified as a full-year, full-time worker; however it should be noted that most persons who work for a full year engage in either full-time or part-time work, but not in both. Full-year, full-time workers whose earned income was \$20,000-\$22,499 (119,200 persons).

Full-year, part-time workers are those who have worked in Australia for at least 50 weeks during the year 1985-86, and had been engaged mostly in part-time work. Full-year, part-time workers whose earned income was \$20,000-\$22,499 are excluded (60,100 persons).

Gini coefficient. This is one of the measures used for indices for measuring inequality of income.



wages or salary, new business, government pensions and benefits, superannuation or interest, rent or dividends. It comprises gross income from items such as private educational scholarships, maintenance or alimony; a trust or will; and an annuity. Income paid at regular intervals and received by a beneficiary under a will, settlement, deed, gift or instrument or trust was included. However, a lump sum payment from any of these sources was not included.

Persons were classified as part-time workers on the basis of the kind of work in which they were engaged during 1985-86, part-time work being defined as work occupying less than 35 hours a week.



### Standard errors of non-population estimates

7. The standard errors of non-population estimates are obtained by multiplying the *relative standard errors* of the corresponding population estimates by the appropriate factor from Table B.

For example:

From Table 1, the mean gross annual income from Government pension and benefit sources for married females working full-year, part-time is \$600. This estimate corresponds to an estimated 525,100 people in that category (from Table 4), which has a relative standard error of 2.9 per cent (from Table A). From Table B, the factor for persons who received Government pensions and benefits is 1.5, hence the estimate of mean has a relative standard error of 4.4 per cent which corresponds to a standard error of \$26.

### Standard errors of proportions and percentages

8. Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. There are two types of ratios each with a different relative standard error formula.

9. For the first type of ratio the denominator is an estimate of number of people in a grouping, while the numerator is either an estimate of some quantity for that grouping (a non-person estimate) or the number of people in a subgroup of the denominator group. The formula for this ratio is given below (it should be used for all ratios except for the last column of Table 1):

$$RSE\% (x/y) = \sqrt{[RSE\%(x)]^2 - [RSE\%(y)]^2}$$

For example:

From Table 2, 14.2 per cent of the fourth decile of persons with earned income are aged 45-54 years. Since the decile estimate of total persons is 701,600, the estimate of the number of persons aged 45-54 years with earned income in the decile must have been 99,600. Hence the 14.2 per cent estimate will have relative standard error per cent:

$$= \sqrt{[RSE\% (99,600)]^2 - [RSE\% (701,600)]^2} = \sqrt{(7.92)^2 - (2.39)^2} = 7.6\%$$

giving a standard error of 1.1 percentage points.

Therefore, there are two chances in three that the percentage that would have been obtained if all dwellings had been included in the survey is in the range of 13.1 per cent to 15.3 per cent and about nineteen chances in twenty that it is in the range 12.0 per cent to 16.4 per cent.

10. In the second type, the denominator is a non-person estimate. For this case an appropriate formula must be used which generally overestimates the relative standard error. The formula for this ratio is given below:

$$RSE\% (x/y) = \sqrt{[RSE\%(x)]^2 + [RSE\%(y)]^2}$$

For example:

From Table 1, the estimate of earned income as a percentage of total income for full-year, part-time workers is 83.0 per cent. The estimated total gross annual income (the denominator) is \$12,140, the number of persons contributing to this estimate is 740,100 (from Table 4) and the appropriate factor for calculating the relative standard errors of means is 0.8 (from Table B); the estimated total private-earned income (the numerator) is \$10,080, the number of persons contributing to this estimate is 740,100 (from Table 4) and the appropriate factor for calculating the relative standard errors for means is 1.1. Hence the 83.0 per cent estimate will have a relative standard error per cent:

$$= \sqrt{[RSE\% (10,080)]^2 + [RSE\% (12,140)]^2} = \sqrt{(2.54)^2 + (1.84)^2} = 3.14\%$$

giving a standard error of 2.6 percentage points.



While this formula will only be exact for differences between separate and uncorrelated (unrelated) characteristics or subpopulations, it is expected to provide a good approximation for all differences likely to be of interest.

From Table 10, 436,600 males and 130,700 females earn between \$20,000 and \$22,499 per year. The difference between those figures is 305,900 which will have standard error:

Thus there are about two chances in three that the difference that would be obtained if all dwellings had been included in the survey is within the range 289,300 to 322,500 and nineteen chances in twenty that this difference is between 272,700 and 339,100.

12. Table C shows the estimated standard errors of the upper boundaries of the decile groups shown in Tables 2 and 5.

### Australia

[illegible]

(a) In this publication estimates with a relative standard error of more than 50 per cent have not been shown. Brackets around standard errors indicate a relative standard error exceeding 30 per cent.



TABLE B. NON-POPULATION ESTIMATE RSE FACTORS

|  | Mean<br>factors | Median<br>factors |
|--|-----------------|-------------------|
| <b>Gross annual income and Total private income:</b> |                 |                   |
| Males — part-year, full-time                         | 0.7             |                   |
| — all other workers                                  | 1.0             |                   |
| Females — part-year, part-time                       | 1.0             |                   |
| — all other workers                                  | 0.7             |                   |
| Persons  | 0.8             |                   |
| <b>Government pensions and benefits:</b>             | 1.5             |                   |
| <b>Earned income:</b>                                |                 |                   |
| Full-year, full-time                                 |                 |                   |
| Males  | 0.7             | 0.7               |
| Females  | 0.5             | 0.5               |
| Persons  | 0.7             | 0.6               |
| Own business, trade or profession                    | 1.0             | 1.0               |
| Part-year, full-time                                 | 0.8             | 1.2               |
| Full-year, part-time                                 | 1.1             | 1.4               |
| Part-year, part-time                                 |                 |                   |
| Males  | 1.3             | 1.5               |
| Females  | 0.9             | 1.0               |
| Persons  | 1.1             | 1.3               |
| Mean income within deciles                           |                 |                   |
| highest and lowest deciles                           | 0.6             |                   |
| other deciles  | 0.1             |                   |
| <b>Other private income:</b>                         |                 |                   |
| Full-year, full-time workers                         | 8.0             |                   |
| All other workers                                    | 3.5             |                   |

TABLE C. STANDARD ERRORS OF  
UPPER BOUNDARIES OF  
DECILE GROUPS

| Decile | SE  |
|--------|-----|
| 1      | 80  |
| 2      | 130 |
| 3      | 130 |
| 4      | 130 |
| 5      | 130 |
| 6      | 130 |
| 7      | 130 |
| 8      | 130 |
| 9      | 250 |
| 10     | ..  |



## APPENDIX 4

## PUBLICATION AND DATA DISSEMINATION PROGRAM

**1986 Income Distribution Survey**

To fulfil users' requirements from the survey, a dissemination program has been drawn up. This program consists of three major components.

1. *Publications.* A number of ABS publications are being designed to meet the needs of most users. These publications are briefly described below and may be purchased through the mail or over the counter from offices of the Australian Bureau of Statistics in each capital city.

2. *Additional special-purpose tabulations* may be produced on request but full costs of production will have to be met.

Details of all publications, including a summary of their contents, are given below.

**1986 Income Distribution Survey, Preliminary Results (6545.0)**

Contains preliminary data for income units on a current and annual basis, and for persons with earned income on an annual basis.

**1986 Income Distribution Survey, Persons with Earned Income (6546.0) (\$8.00, including postage)**

Contains data on persons with earned income and examines the relationship between levels of earned income and demographic and social characteristics of the recipients, e.g. age, sex, labour force experience, educational qualifications, occupation, etc.

**1986 Income Distribution Survey, Income Units (6523.0) — expected release June 1988 (\$10.50, including postage)**

Presents data on income units. Includes data on private income and on income units dependent on government pensions and benefits. It will allow the identification of units with low income and present statistics on their demographic and labour force characteristics.

**Information Paper : 1986 Income Distribution Survey, Sample File on Magnetic Tape (6543.0)-released 1 February 1988.**

This information paper provides technical and other details of the sample file, conditions of use and how to order it.

**Australia's Low Income Population (4114.0)**

This publication will be a statistical report focussing on Australia's low income population. Special emphasis will be given to identifying the characteristics of income units and families at the lower end of the income distribution.

**Related publications**

Users may also wish to refer to the following publications:

**Income of Individuals, Australia, 1981-82 (6502.0)****Income of Income Units, Australia, 1981-82 (6523.0)****Social Indicators No. 4, 1984 (4101.0)****Australian Families, 1982 (4408.0)**

Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.



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